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【手続補正書】  
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 【手続補正1】  
 【補正対象書類名】特許請求の範囲  
 【補正対象項目名】全文  
 【補正方法】変更  
 【補正の内容】  
 【特許請求の範囲】  
 【請求項1】  
 式(1):  
 【化1】



(I)

[式中、

Aは、-NH-R<sub>1</sub>又はR<sub>3</sub>-CO-NH-基を表し、R<sub>1</sub>は水素、ビオチン、又は随意に置換された直鎖若しくは分岐の(C<sub>1-18</sub>)アルキル鎖、又は、アミノ酸、例えばピログルタミン酸(Pyr)、Pro(P)、アルファ-メチル-プロリン(Me-P)、Val(V)、N-メチル-バリン(NMe-V)、アルファ-メチル-バリン(Me-V)、Lys(ビオチン)、Lys(アルキル)、Lys(アセチル)など、を示し；R<sub>3</sub>は、直鎖若しくは分岐の(C<sub>1-18</sub>)アルキル鎖、(C<sub>1-6</sub>)アルコキシ、(C<sub>3-6</sub>)シクロアルキル、アリール、ヘテロアリール、又はアリールアルキル基から選択され、それぞれの

基はさらに好適な置換基で置換され；

「B」は、 $-\text{COOR}_2$ 、 $-\text{CONHR}_2$ 、又は $\text{CH}_2\text{OR}_2$ を示し、 $\text{R}_2$ は水素、又は、Val(V)、アルファ-メチル-バリン( Me-V)、Lys(ビオチン)、Lys(アルキル)、Lys(アセチル)から選択される好適なアミノ酸を示し； $Z_1$ 、 $Z_3$ 、及び $Z_{12}$ のそれぞれは、同一、又は異なっており、独立に、Ser(S)、アルファ-メチル-セリン( Me-S)、Val(V)、アルファ-メチル-バリン( Me-V)、Pro(P)、アルファ-メチル-プロリン( Me-P)、Gly(G)、Ala(A)、 $\alpha$ -アミノイソブチル酸(Aib)、1-アミノシクロプロパンカルボキシル酸( $\text{AC}_3\text{C}$ )、1-アミノシクロペンタンカルボキシル酸( $\text{AC}_5\text{C}$ )、1-アミノシクロヘキササンカルボキシル酸( $\text{AC}_6\text{C}$ )から選択される天然に又は非天然に生じるアミノ酸を表し； $Z_2$ は、Val(V)又は Me-Val ( Me-V)を表し； $Z_4$ 、 $Z_6$ 、及び $Z_{10}$ のそれぞれは、同一、又は異なっており、独立に、Glu(E)、ホモグルタミン酸(HoGlu)、2-アミノ-4-シアノブタン酸(Abu(CN))、Asp(D)、Asn(N)、Gln(Q)、Aibから選択される天然に又は非天然に生じるアミノ酸を表し； $Z_5$ 、 $Z_7$ 、及び $Z_9$ のそれぞれは、同一、又は異なっており、独立に、Leu(L)、Ile(I)、Nle(ノルロイシン)、Nva(ノルバリン)、HoLeu(ホモロイシン)、Abu(CN)、His(H)、Phe(F)、アルファ-メチル-フェニルアラニン(- Me-Phe-)、アルファ-メチル-2-フルオロフェニルアラニン(- Me-2F-Phe-)、又はアルファ-メチル-2,6-ジフルオロフェニルアラニン(- Me-2,6-F-Phe-)、又は2-フルオロフェニルアラニン(-2F-Phe-)基から選択される天然に又は非天然に生じるアミノ酸を表し；

$Z_8$ は、Met、N-メチル-Met((NMe)M)、アルファ-メチル-Met( Me-M)、アルファ-メチル-バリン( Me-V)、Leu、Nle、N-メチル-Nle((NMe)Nle)、アルファ-メチル-ノルロイシン( Me-Nle)、Nva、HoLeu、エチオニン(EtMet)、セレノメチオニン(SMet)、Valから選択される天然に又は非天然に生じるアミノ酸を表し；

$Z_{11}$ 、及び $Z_{13}$ のそれぞれは、同一、又は異なっており、独立に、Aib、Pro(P)、 Me-Pro、リジン(K)、リジン-ビオチン(K(ビオチン))、リジン(ニトロ)；K( $\text{NO}_2$ )、アルギニン(R)、アルギニン(ニトロ)；(Arg( $\text{NO}_2$ ))、ホモアルギニン(Har)、オルニチン(Orn)、オルニチン(ニトロ)；Orn( $\text{NO}_2$ )、シトルリン(Cit)、ホモシトルリン(HoCit)、Phe(F)、アルファ-メチル-フェニルアラニン(- Me-Phe-)、アルファ-メチル-2-フルオロフェニルアラニン(- Me-2F-Phe-)、又はアルファ-メチル-2,6-ジフルオロフェニルアラニン(- Me-2,6-F-Phe-)、又は2-フルオロフェニルアラニン(-2F-Phe-)から選択される天然に又は非天然に生じるアミノ酸を表し；

$Z_{14}$ は、2'-エチル-4'-メトキシ-ピフェニルアラニン(Bip(OMe))、 $\alpha$ -メチル化Bip(OMe)[ Me-Bip(OMe)]、 Me-Trp、アルファ-メチル-フェニルアラニン(- Me-Phe-)、アルファ-メチル-2-フルオロフェニルアラニン(- Me-2F-Phe-)、アルファ-メチル-2,6-ジフルオロフェニルアラニン(- Me-2,6-F-Phe-)又は2-フルオロフェニルアラニン(-2F-Phe-)基から選択される天然に又は非天然に生じるアミノ酸を表し；

$Z_{15}$ は、存在する又は存在せず、 $Z_{15}$ は、存在する場合、2-アミノ-5-フェニルペンタン酸(APPA)、又は2-アミノ-2-メチル-5-フェニルペンタン酸( Me-APPA)から選択される天然に又は非天然に生じるアミノ酸を表す]

の配列を有する単離された短鎖ペプチド、その互変異性体、又はその溶媒和物。

【請求項2】

「A」が、 $-\text{NH-R}_1$ 又は $\text{R}_3-\text{CO-NH-}$ 基を表し、 $\text{R}_1$ が水素、ビオチン、又はピログルタミン酸(Pyr)、Pro(P)、及びVal(V)から選択される好適なアミノ酸を表す、請求項1に記載の式(1)の化合物。

【請求項3】

$\text{R}_3$ が、さらに置換されている直鎖若しくは分岐の( $\text{C}_{1-18}$ )アルキル鎖から選択される、請求項1に記載の式(1)の化合物。

【請求項4】

「B」が、 $-\text{COOR}_2$ 、 $-\text{CONHR}_2$ を表し、 $\text{R}_2$ が水素、又はVal(V)、アルファ-メチルバリン( Me-V)又はLys(ビオチン)から選択される好適なアミノ酸を表す、請求項1に記載の式(1)の化合物。

## 【請求項 5】

$Z_1$ 、 $Z_3$ 、及び $Z_{12}$ のそれぞれが、同一、又は異なっており、独立に、Ala(A)、 $\alpha$ -アミノイソブチル酸(Aib)、1-アミノシクロプロパンカルボキシル酸( $AC_3C$ )、1-アミノシクロペントンカルボキシル酸( $AC_5C$ )、1-アミノシクロヘキサンカルボキシル酸( $AC_6C$ )から選択される天然に又は非天然に生じるアミノ酸を表す、請求項 1 に記載の式(1)の化合物。

## 【請求項 6】

$Z_2$ が、Val(V)を表す、請求項 1 に記載の式(1)の化合物。

## 【請求項 7】

$Z_4$ 、 $Z_6$ 、及び $Z_{10}$ のそれぞれが、同一、又は異なっており、独立に、Glu(E)、Gln(Q)、又はAibから選択される天然に又は非天然に生じるアミノ酸を表す、請求項 1 に記載の式(1)の化合物。

## 【請求項 8】

$Z_5$ 、 $Z_7$ 、及び $Z_9$ のそれぞれが、同一、又は異なっており、独立に、Leu(L)、Ile(I)、Nle、HoLeu(ホモロイシン)、His(H)、アルファ-メチル-2-フルオロフェニルアラニン( $\alpha$ -Me-2F-Phe-)、又はアルファ-メチル-2,6-ジフルオロフェニルアラニン( $\alpha$ -Me-2,6-F-Phe-)から選択される天然に又は非天然に生じるアミノ酸を表す、請求項 1 に記載の式(1)の化合物。

## 【請求項 9】

$Z_8$ が、Met、アルファ-メチル-Met( $\alpha$ -Me-M)、Nle、N-メチル-Nle((NMe)Nle)から選択される天然に又は非天然に生じるアミノ酸を表す、請求項 1 に記載の式(1)の化合物。

## 【請求項 10】

$Z_{11}$ 、及び $Z_{13}$ のそれぞれが、同一、又は異なっており、独立に、Aib、 $\alpha$ -Me-Pro、リジン(K)、リジン-ピオチン(K(ピオチン))、K( $NO_2$ )、アルギニン(R)、Arg( $NO_2$ )、ホモアルギニン(Har)、オルニチン(Orn)、Orn( $NO_2$ )、シトルリン(Cit)、ホモシトルリン(HoCit)、アルファ-メチル-2-フルオロフェニルアラニン( $\alpha$ -Me-2F-Phe-)、又はアルファ-メチル-2,6-ジフルオロフェニルアラニン( $\alpha$ -Me-2,6-F-Phe-)から選択される天然に又は非天然に生じるアミノ酸を表す、請求項 1 に記載の式(1)の化合物。

## 【請求項 11】

$Z_{14}$ が、2'-エチル-4'-メトキシ-ビフェニルアラニン(Bip(OMe))、 $\alpha$ -メチル化Bip(OMe)[ $\alpha$ -Me-Bip(OMe)]、アルファ-メチル-2-フルオロフェニルアラニン( $\alpha$ -Me-2F-Phe-)、又はアルファ-メチル-2,6-ジフルオロフェニルアラニン( $\alpha$ -Me-2,6-F-Phe-)から選択される天然に又は非天然に生じるアミノ酸を表す、請求項 1 に記載の式(1)の化合物。

## 【請求項 12】

$Z_{15}$ が、2-アミノ-5-フェニルペンタン酸(APPA)、又は2-アミノ-2-メチル-5-フェニルペンタン酸( $\alpha$ -Me-APPA)から選択される天然に又は非天然に生じるアミノ酸を表す、請求項 1 に記載の式(1)の化合物。

## 【請求項 13】

前記アリール基が、フェニル、ナフチル、インダニル、フルオレニル、又はビフェニル基から選択される、請求項 1 に記載の式(1)の化合物。

## 【請求項 14】

前記ヘテロアリール基が、ピリジル、チエニル、フリル、イミダゾリル、ベンゾフラニル基から選択される、請求項 1 に記載の式(1)の化合物。

## 【請求項 15】

前記置換基が、存在する場合、ヒドロキシル、オキソ、ハロ、チオ、ニトロ、アミノ、アルキル、アルコキシ、ハロアルキル、又はハロアルコキシ基から選択される、請求項 1 に記載の式(1)の化合物。

## 【請求項 16】

式(1)：

【化2】



(I)

の化合物であって、

式中、

「A」は、-NH-R<sub>1</sub>又はR<sub>3</sub>-CO-NH-基を表し、R<sub>1</sub>は水素、ピオチン、又はピログルタミン酸(Pyr)、Pro(P)、Val(V)から選択される好適なアミノ酸を表し；R<sub>3</sub>は、随意に置換された直鎖若しくは分岐の(C<sub>1-18</sub>)アルキル鎖から選択され；「B」は、-COOR<sub>2</sub>、-CONHR<sub>2</sub>を表し、R<sub>2</sub>は請求項1で定義された通りであり；Z<sub>1</sub>、Z<sub>3</sub>、及びZ<sub>12</sub>のそれぞれは、同一、又は異なっており、独立に、Ala(A)、 $\alpha$ -アミノ-イソブチル酸(Aib)、1-アミノシクロプロパンカルボキシル酸(AC<sub>3</sub>C)、1-アミノシクロペンタンカルボキシル酸(AC<sub>5</sub>C)、1-アミノシクロヘキサンカルボキシル酸(AC<sub>6</sub>C)から選択される天然に又は非天然に生じるアミノ酸を表し；Z<sub>2</sub>はVal(V)を表し；Z<sub>4</sub>、Z<sub>6</sub>、及びZ<sub>10</sub>のそれぞれは、同一、又は異なっており、独立に、Glu(E)、Gln(Q)、Aibから選択される天然に又は非天然に生じるアミノ酸を表し；Z<sub>5</sub>、Z<sub>7</sub>、及びZ<sub>9</sub>のそれぞれは、同一、又は異なっており、独立に、Leu(L)、Ile(I)、Nle、HoLeu(ホモロイシン)、His(H)、アルファ-メチル-2-フルオロフェニルアラニン(-Me-2F-Phe-)、アルファ-メチル-2,6-ジフルオロフェニルアラニン(-Me-2,6-F-Phe-)から選択される天然に又は非天然に生じるアミノ酸を表し；Z<sub>8</sub>は、Met、アルファ-メチル-Met(Me-M)、Nle、N-メチル-Nle((NMe)Nle)から選択される天然に又は非天然に生じるアミノ酸を表し；Z<sub>11</sub>、及びZ<sub>13</sub>は、同一、又は異なっており、独立に、Aib、Me-Pro、リジン(K)、リジン-ピオチン(K(ピオチン))、K(NO<sub>2</sub>)、アルギニン(R)、Arg(NO<sub>2</sub>)、ホモアルギニン(Har)、オルニチン(Orn)、Orn(NO<sub>2</sub>)、シトルリン(Cit)、ホモシトルリン(HoCit)、アルファ-メチル-2-フルオロフェニルアラニン(-Me-2F-Phe-)、アルファ-メチル-2,6-ジフルオロフェニルアラニン(-Me-2,6-F-Phe-)から選択される天然に又は非天然に生じるアミノ酸を表し；Z<sub>14</sub>は、2'-エチル-4'-メトキシ-ビフェニルアラニン(Bip(OMe))、 $\alpha$ -メチル化Bip(OMe)[Me-Bip(OMe)]、アルファ-メチル-2-フルオロフェニルアラニン(-Me-2F-Phe-)、アルファ-メチル-2,6-ジフルオロフェニルアラニン(-Me-2,6-F-Phe-)から選択される天然に又は非天然に生じるアミノ酸を表し；Z<sub>15</sub>は存在する際、2-アミノ-5-フェニルペンタン酸(APPA)、又は2-アミノ-2-メチル-5-フェニルペンタン酸(-Me-APPA)から選択される天然に又は非天然に生じるアミノ酸を表す、請求項1に記載の式(I)の化合物。

【請求項17】

以下：

【化 3】

Aib-V-Aib-EIQLMHQ-Har-AK-( $\alpha$ -Me-Phe);  
Aib-V-Aib-EIQL-Nle-HQ-Har-AK-( $\alpha$ -Me-Phe);  
Aib-V-Aib-EIQLMHQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-Phe);  
Aib-V-Aib-EIQL-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-Phe);  
Aib-V-Aib-EIQLMHQ-Har-Aib-K-( $\alpha$ -Me-Phe);  
Aib-V-Aib-EIQL-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Har-AK-( $\alpha$ -Me-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQLMHQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQLMHQ-Har-Aib-K-( $\alpha$ -Me-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-Phe);  
Aib-V-(AC<sub>5</sub>C)-EIQLMHQ-Har-Aib-K-( $\alpha$ -Me-Phe);  
Aib-V-(AC<sub>5</sub>C)-EIQL-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-Phe);  
(AC<sub>5</sub>C)-V-(AC<sub>5</sub>C)-EIQLMHQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-Phe);  
(AC<sub>5</sub>C)-V-(AC<sub>5</sub>C)-EIQL-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQLMHQ-Har-Aib-K-( $\alpha$ -Me-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-Phe);  
Aib-V-(AC<sub>6</sub>C)-EIQLMHQ-Har-Aib-K-( $\alpha$ -Me-Phe);  
Aib-V-(AC<sub>6</sub>C)-EIQL-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-Phe);  
Aib-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-Phe);

【化 4】

Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-Phe);  
Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-Phe);  
Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-Phe);  
Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-Phe);  
Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-H-(Abu(CN))-Har-AK-( $\alpha$ -Me-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-M-HQ-Har-AK-( $\alpha$ -Me-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-M-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-M-HQ-Har-Aib-K-( $\alpha$ -Me-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-2F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-2F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-2F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-2F-Phe);  
Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-2F-Phe);

【化 5】

Aib-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-2F-Phe);  
 Aib-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-2F-Phe);  
 (AC<sub>5</sub>C)-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-2F-Phe);  
 (AC<sub>5</sub>C)-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-2F-Phe);  
 (AC<sub>5</sub>C)-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-2F-Phe);  
 (AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-2F-Phe);  
 (AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-2F-Phe);  
 (AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-2F-Phe);  
 Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-K(Biotin)-( $\alpha$ -Me-2F-Phe);  
 Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-2F-Phe);  
 Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-2F-Phe);  
 Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-2F-Phe);  
 (AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-2F-Phe);  
 (AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-2F-Phe);  
 (AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-2F-Phe);  
 Aib-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-2F-Phe);  
 Aib-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-2F-Phe);  
 Aib-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-2F-Phe);  
 (AC<sub>5</sub>C)-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-2F-Phe);  
 (AC<sub>5</sub>C)-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-2F-Phe);  
 (AC<sub>5</sub>C)-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-2F-Phe);  
 (AC<sub>5</sub>C)-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-2F-Phe);  
 (AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-2F-Phe);  
 (AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-2F-Phe);  
 (AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-H(Abu(CN))-Har-AK-( $\alpha$ -Me-2F-Phe);  
 Aib-V-(AC<sub>6</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-2F-Phe);  
 Aib-V-(AC<sub>6</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-2F-Phe);  
 Aib-V-(AC<sub>6</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-2F-Phe);  
 Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-2,6-F-Phe);  
 Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-2,6-F-Phe);

【化 6】

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-K(Biotin)-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-AK-( $\alpha$ -Me-2,6-F-Phe);

【化7】

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-( $\alpha$ Me-Pro)-K-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-K-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Cit-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Cit-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Cit-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Cit-( $\alpha$ -Me-2F-Phe);  
Aib-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Cit-( $\alpha$ -Me-2F-Phe);  
Aib-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Cit-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Cit-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Cit-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Cit-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Cit-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Cit-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Cit-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Cit-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Cit-( $\alpha$ -Me-2F-Phe);  
Aib-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Cit-( $\alpha$ -Me-2F-Phe);  
Aib-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Cit-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Cit-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Cit-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Cit-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Cit-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Cit-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Cit-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Cit-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>5</sub>C)-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Cit-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>5</sub>C)-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Cit-( $\alpha$ -Me-2,6-F-Phe);

【化 8】

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Cit-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Cit-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Cit-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Cit-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Cit-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Aib-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Aib-( $\alpha$ -Me-2F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Aib-( $\alpha$ -Me-2F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Aib-( $\alpha$ -Me-2F-Phe);  
Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Aib-( $\alpha$ -Me-2F-Phe);  
Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Aib-( $\alpha$ -Me-2F-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Aib-( $\alpha$ -Me-2F-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Aib-( $\alpha$ -Me-2F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Aib-( $\alpha$ -Me-2F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Aib-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Aib-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Aib-( $\alpha$ -Me-2F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Aib-( $\alpha$ -Me-2F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Aib-( $\alpha$ -Me-2F-Phe);  
Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Aib-( $\alpha$ -Me-2F-Phe);  
Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Aib-( $\alpha$ -Me-2F-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Aib-( $\alpha$ -Me-2F-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Aib-( $\alpha$ -Me-2F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Aib-( $\alpha$ -Me-2F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Aib-( $\alpha$ -Me-2F-Phe);

【化 9】

Aib-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Aib-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Aib-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-(AC<sub>3</sub>C)-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Aib-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-(AC<sub>3</sub>C)-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Aib-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Aib-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Aib-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Aib-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-(AC<sub>3</sub>C)-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Aib-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-(AC<sub>3</sub>C)-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Aib-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
(AC<sub>3</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
(AC<sub>3</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
Aib-V-(AC<sub>3</sub>C)-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

【化 1 0】

Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

【化 1 1】

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

【化 1 2】

(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

【化 1 3】

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>5</sub>C)-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>5</sub>C)-V-(AC<sub>5</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

【化 1 4】

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-A-Cit-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-Aib-Cit-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-A-Cit-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-Aib-Cit-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-A-Cit-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-Aib-Cit-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-A-Cit-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-Aib-Cit-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-A-Cit-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-A-Cit-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-A-Cit-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-A-Cit-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-A-Aib-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-Aib-Aib-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-A-Aib-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-Aib-Aib-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-A-Aib-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-Aib-Aib-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-A-Aib-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-Aib-Aib-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-A-Aib-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-A-Aib-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-A-Aib-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);

【化 1 5】

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-A-Aib-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

【化 1 6】

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Orn-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-A-Cit-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-Aib-Cit-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-A-Cit-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-Aib-Cit-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-A-Cit-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-Aib-Cit-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-A-Cit-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-Aib-Cit-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-A-Cit-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);

【化 1 7】

(AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-A-Cit-( $\alpha$ -Me-2,6-F-Phe);  
 (AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);  
 Aib-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-A-Cit-( $\alpha$ -Me-2,6-F-Phe);  
 Aib-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);  
 (AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-A-Cit-( $\alpha$ -Me-2,6-F-Phe);  
 (AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);  
 Aib-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-A-Aib-( $\alpha$ -Me-2F-Phe);  
 Aib-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-Aib-Aib-( $\alpha$ -Me-2F-Phe);  
 (AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-A-Aib-( $\alpha$ -Me-2F-Phe);  
 (AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-Aib-Aib-( $\alpha$ -Me-2F-Phe);  
 Aib-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-A-Aib-( $\alpha$ -Me-2F-Phe);  
 Aib-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-Aib-Aib-( $\alpha$ -Me-2F-Phe);  
 (AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-A-Aib-( $\alpha$ -Me-2F-Phe);  
 (AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-Aib-Aib-( $\alpha$ -Me-2F-Phe);  
 Aib-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-A-Aib-( $\alpha$ -Me-2,6-F-Phe);  
 Aib-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);  
 (AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-A-Aib-( $\alpha$ -Me-2,6-F-Phe);  
 (AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);  
 Aib-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-A-Aib-( $\alpha$ -Me-2,6-F-Phe);  
 Aib-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);  
 (AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-A-Aib-( $\alpha$ -Me-2,6-F-Phe);  
 (AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);  
 Aib-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
 Aib-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
 (AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
 (AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
 Aib-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
 Aib-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

【化 1 8】

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

【化 1 9】

(AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Cit-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-A-Cit-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-Aib-Cit-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-A-Cit-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-Aib-Cit-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-A-Cit-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-Aib-Cit-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-A-Cit-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-Aib-Cit-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-A-Cit-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-A-Cit-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-A-Cit-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-A-Cit-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-A-Aib-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-Aib-Aib-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-A-Aib-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-Aib-Aib-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-A-Aib-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-Aib-Aib-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-Aib-ElQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-A-Aib-( $\alpha$ -Me-2F-Phe);

【化 2 0】

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-Aib-Aib-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-A-Aib-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-A-Aib-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-A-Aib-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-A-Aib-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);  
Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

【化 2 1】

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-(HoCit)-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

【化 2 2】

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Cit-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Cit-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Cit-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Cit-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Cit-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Cit-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Cit-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Cit-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Cit-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Cit-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Cit-( $\alpha$ -Me-2,6-F-Phe);

【化 2 3】

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Cit-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Aib-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Aib-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Aib-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Aib-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Aib-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Aib-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Aib-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Aib-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Aib-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Aib-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Aib-( $\alpha$ -Me-2,6-F-Phe);

【化 2 4】

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Aib-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

【化 2 5】

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

【化 2 6】

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-A-Cit-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-Aib-Cit-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-A-Cit-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-Aib-Cit-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-A-Cit-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-Aib-Cit-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-A-Cit-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-Aib-Cit-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-A-Cit-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-A-Cit-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-A-Cit-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-A-Cit-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-Aib-Cit-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-A-Aib-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-Aib-Aib-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-A-Aib-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-Aib-Aib-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-A-Aib-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-Aib-Aib-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-A-Aib-( $\alpha$ -Me-2F-Phe);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-Aib-Aib-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-A-Aib-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);

【化 2 7】

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-A-Aib-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-A-Aib-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-A-Aib-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

【化 2 8】

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-A-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe)

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-Aib-( $\alpha$ -Me-2,6-F-Phe)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe)

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Aib-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Aib-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe);

Aib-V-Aib-EIQLMHQ-Har-AK-(Bip(OMe))-(APPA);

Aib-V-Aib-EIQL-Nle-HQ-Har-AK-(Bip(OMe))-(APPA);

(AC<sub>3</sub>C)-V-Aib-EIQLMHQ-Har-AK-(Bip(OMe))-(APPA);

(AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Har-AK-(Bip(OMe))-(APPA);

(AC<sub>3</sub>C)-V-Aib-EIQLMHQ-Har-AK-(Bip(OMe))-(APPA);

(AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Har-AK-(Bip(OMe))-(APPA);

【化 2 9】

Aib-V-(AC<sub>3</sub>C)-EIQLMHQ-Har-AK-(Bip(OMe))-(APPA);  
 Aib-V-(AC<sub>3</sub>C)-EIQL-Nle-HQ-Har-AK-(Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQLMHQ-Har-AK-(Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQL-Nle-HQ-Har-AK-(Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQLMHQ-Har-AK-(Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQL-Nle-HQ-Har-AK-(Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQLMHQ-Har(NO<sub>2</sub>)-AK-(Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQL-Nle-HQ-Har(NO<sub>2</sub>)-AK-(Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-Aib-EIQLMHQ-Har(NO<sub>2</sub>)-AK-(Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Har(NO<sub>2</sub>)-AK-(Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-Aib-EIQLMHQ-Har(NO<sub>2</sub>)-AK-(Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Har(NO<sub>2</sub>)-AK-(Bip(OMe))-(APPA);  
 Aib-V-(AC<sub>3</sub>C)-EIQLMHQ-Har(NO<sub>2</sub>)-AK-(Bip(OMe))-(APPA);  
 Aib-V-(AC<sub>3</sub>C)-EIQL-Nle-HQ-Har(NO<sub>2</sub>)-AK-(Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQLMHQ-Har(NO<sub>2</sub>)-AK-(Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQL-Nle-HQ-Har(NO<sub>2</sub>)-AK-(Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQLMHQ-Har(NO<sub>2</sub>)-AK-(Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQL-Nle-HQ-Har(NO<sub>2</sub>)-AK-(Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQLMHQ-Har(NO<sub>2</sub>)-A-K(Biotin)-(Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQL-Nle-HQ-Har(NO<sub>2</sub>)-A-K(Biotin)-(Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQLMHQ-Har-A-K(Biotin)-(Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQL-Nle-HQ-Har-A-K(Biotin)-(Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQLMHQ-Har(NO<sub>2</sub>)-A-K(-CO-(CH<sub>2</sub>)<sub>6</sub>-CH<sub>3</sub>)-(Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQL-Nle-HQ-Har(NO<sub>2</sub>)-A-K(-CO-(CH<sub>2</sub>)<sub>6</sub>-CH<sub>3</sub>)-(Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQLMHQ-Har-A-K(-CO-(CH<sub>2</sub>)<sub>6</sub>-CH<sub>3</sub>)-(Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQL-Nle-HQ-Har-A-K(-CO-(CH<sub>2</sub>)<sub>6</sub>-CH<sub>3</sub>)-(Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQLMHQ-Har(NO<sub>2</sub>)-A-K(-CO-(CH<sub>2</sub>)<sub>8</sub>-CH<sub>3</sub>)-(Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQL-Nle-HQ-Har(NO<sub>2</sub>)-A-K(-CO-(CH<sub>2</sub>)<sub>8</sub>-CH<sub>3</sub>)-(Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQLMHQ-Har-A-K(-CO-(CH<sub>2</sub>)<sub>8</sub>-CH<sub>3</sub>)-(Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQL-Nle-HQ-Har-A-K(-CO-(CH<sub>2</sub>)<sub>8</sub>-CH<sub>3</sub>)-(Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQL-Nle-HQ-Har-A-K(-CO-(CH<sub>2</sub>)<sub>8</sub>-CH<sub>3</sub>)-(Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQLMHQ-Har(NO<sub>2</sub>)-A-(NMe)K-(Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQL-Nle-HQ-Har(NO<sub>2</sub>)-A-(NMe)K-(Bip(OMe))-(APPA);

【化 3 0】

(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQL-(NMe)M-HQ-Har-A-K(-CO-(CH<sub>2</sub>)<sub>8</sub>-CH<sub>3</sub>)-(Bip(OMe))-  
(APPA);

(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQL-(NMe)Nle-HQ-Har-A-K(-CO-(CH<sub>2</sub>)<sub>8</sub>-CH<sub>3</sub>)-(Bip(OMe))-  
(APPA);

(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQL-(NMe)M-HQ-Har(NO<sub>2</sub>)-A-(NMe)K-(Bip(OMe))-  
(APPA);

(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQL-(NMe)Nle-HQ-Har(NO<sub>2</sub>)-A-(NMe)K-(Bip(OMe))-  
(APPA);

(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQL-(NMe)M-HQ-Har(NO<sub>2</sub>)-A-(NMe)K-(Bip(OMe))-  
(APPA);

(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQL-(NMe)Nle-HQ-Har(NO<sub>2</sub>)-A-(NMe)K-(Bip(OMe))-  
(APPA);

Aib-V-Aib-EIQLMHQ-Har-AK-(Bip(OMe));

Aib-V-Aib-EIQL-Nle-HQ-Har-AK-(Bip(OMe));

(AC<sub>3</sub>C)-V-Aib-EIQLMHQ-Har-AK-(Bip(OMe));

(AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Har-AK-(Bip(OMe));

(AC<sub>3</sub>C)-V-Aib-EIQLMHQ-Har-AK-(Bip(OMe));

(AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Har-AK-(Bip(OMe));

Aib-V-(AC<sub>3</sub>C)-EIQLMHQ-Har-AK-(Bip(OMe));

Aib-V-(AC<sub>3</sub>C)-EIQL-Nle-HQ-Har-AK-(Bip(OMe));

(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQLMHQ-Har-AK-(Bip(OMe));

(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQL-Nle-HQ-Har-AK-(Bip(OMe));

(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQLMHQ-Har-AK-(Bip(OMe));

(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQL-Nle-HQ-Har-AK-(Bip(OMe));

Aib-V-Aib-EIQLMHQ-Har(NO<sub>2</sub>)-AK-(Bip(OMe));

Aib-V-Aib-EIQL-Nle-HQ-Har(NO<sub>2</sub>)-AK-(Bip(OMe));

Aib-V-Aib-EIQLMHQ-Har(NO<sub>2</sub>)-A-K(Biotin)-(Bip(OMe));

Aib-V-Aib-EIQL-Nle-HQ-Har(NO<sub>2</sub>)-A-K(Biotin)-(Bip(OMe));

Aib-V-Aib-EIQLMHQ-Har-A-K(Biotin)-(Bip(OMe));

Aib-V-Aib-EIQL-Nle-HQ-Har-A-K(Biotin)-(Bip(OMe));

Aib-V-Aib-EIQLMHQ-Har(NO<sub>2</sub>)-A-K(-CO-(CH<sub>2</sub>)<sub>6</sub>-CH<sub>3</sub>)-(Bip(OMe));

Aib-V-Aib-EIQL-Nle-HQ-Har(NO<sub>2</sub>)-A-K(-CO-(CH<sub>2</sub>)<sub>6</sub>-CH<sub>3</sub>)-(Bip(OMe));

Aib-V-Aib-EIQLMHQ-Har-A-K(-CO-(CH<sub>2</sub>)<sub>6</sub>-CH<sub>3</sub>)-(Bip(OMe));

Aib-V-Aib-EIQL-Nle-HQ-Har-A-K(-CO-(CH<sub>2</sub>)<sub>6</sub>-CH<sub>3</sub>)-(Bip(OMe));

【化 3 1】

Aib-V-Aib-EIQLMHQ-Har(NO<sub>2</sub>)-A-K(-CO-(CH<sub>2</sub>)<sub>8</sub>-CH<sub>3</sub>)-(Bip(OMe));  
 Aib-V-Aib-EIQL-Nle-HQ-Har(NO<sub>2</sub>)-A-K(-CO-(CH<sub>2</sub>)<sub>8</sub>-CH<sub>3</sub>)-(Bip(OMe));  
 Aib-V-Aib-EIQLMHQ-Har-A-K(-CO-(CH<sub>2</sub>)<sub>8</sub>-CH<sub>3</sub>)-(Bip(OMe));  
 Aib-V-Aib-EIQL-Nle-HQ-Har-A-K(-CO-(CH<sub>2</sub>)<sub>8</sub>-CH<sub>3</sub>)-(Bip(OMe));  
 (AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQLMHQ-Har-A-K(-CO-(CH<sub>2</sub>)<sub>8</sub>-CH<sub>3</sub>)-(Bip(OMe));  
 (AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQL-Nle-HQ-Har-A-K(-CO-(CH<sub>2</sub>)<sub>8</sub>-CH<sub>3</sub>)-(Bip(OMe));  
 (AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQLMHQ-Har(NO<sub>2</sub>)-A-(NMe)K-(Bip(OMe));  
 (AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQL-Nle-HQ-Har(NO<sub>2</sub>)-A-(NMe)K-(Bip(OMe));  
  
 Aib-V-Aib-EIQL-(NMe)M-HQ-Har-A-K(-CO-(CH<sub>2</sub>)<sub>8</sub>-CH<sub>3</sub>)-(Bip(OMe));  
 Aib-V-Aib-EIQL-(NMe)Nle-HQ-Har-A-K(-CO-(CH<sub>2</sub>)<sub>8</sub>-CH<sub>3</sub>)-(Bip(OMe));  
 (AC<sub>3</sub>C)-V-Aib-EIQL-(NMe)M-HQ-Har-A-K(-CO-(CH<sub>2</sub>)<sub>8</sub>-CH<sub>3</sub>)-(Bip(OMe));  
 (AC<sub>3</sub>C)-V-Aib-EIQL-(NMe)Nle-HQ-Har-A-K(-CO-(CH<sub>2</sub>)<sub>8</sub>-CH<sub>3</sub>)-(Bip(OMe));  
 Aib-V-Aib-EIQLMHQ-Har-A-Arg(NO<sub>2</sub>)-(Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQL-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-(Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-Aib-EIQLMHQ-Har-A-Arg(NO<sub>2</sub>)-(Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-(Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-Aib-EIQLMHQ-Har-A-Arg(NO<sub>2</sub>)-(Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-Aib-EIQLMHQ-Har-Aib-Arg(NO<sub>2</sub>)-(Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-(Bip(OMe))-(APPA);  
 Aib-V-(AC<sub>3</sub>C)-EIQLMHQ-Har-A-Arg(NO<sub>2</sub>)-(Bip(OMe))-(APPA);  
 Aib-V-(AC<sub>3</sub>C)-EIQL-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-(Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQLMHQ-Har-A-Arg(NO<sub>2</sub>)-(Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQL-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-(Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQLMHQ-Har-A-Arg(NO<sub>2</sub>)-(Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQL-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-(Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQ-(α-Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-(Bip(OMe))-  
 (APPA);  
 (AC<sub>3</sub>C)-V-Aib-EIQ-(α-Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-(Bip(OMe))-  
 (APPA);  
 (AC<sub>3</sub>C)-V-Aib-EIQ-(α-Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-(Bip(OMe))-  
 (APPA);

【化 3 2】

Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-(Bip(OMe))-  
(APPA);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-(Bip(OMe))-  
(APPA);  
(AC<sub>5</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-(Bip(OMe))-  
(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-(Bip(OMe))-(APPA);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-(Bip(OMe))-  
(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-(Bip(OMe))-  
(APPA);  
Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-(Bip(OMe))-  
(APPA);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-(Bip(OMe))-  
(APPA);  
(AC<sub>5</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-(Bip(OMe))-  
(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe)-  
(APPA);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-  
Phe)-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-  
Phe)-(APPA);  
Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-  
Phe)-(APPA);  
(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-  
Phe)-(APPA);  
(AC<sub>5</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-  
Phe)-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe)-  
(APPA);

【化 3 3】

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe)-  
(APPA);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe)-  
(APPA);

Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-Phe)-  
(APPA);

(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-  
Phe)-(APPA);

(AC<sub>5</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2,6-F-  
Phe)-(APPA);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe)-  
(APPA);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe)-  
(APPA);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe)-  
(APPA);

Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe)-  
(APPA);

(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-  
Phe)-(APPA);

(AC<sub>5</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-  
Phe)-(APPA);

Aib-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe)-  
(APPA);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe)-  
(APPA);

(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe)-  
(APPA);

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-Aib-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe)-  
(APPA);

Aib-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe)-  
(APPA);

【化 3 4】

(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe)-  
(APPA);

(AC<sub>3</sub>C)-V-(AC<sub>3</sub>C)-EIQ-( $\alpha$ -Me-2F-Phe)-Nle-HQ-Har-A-Arg(NO<sub>2</sub>)-( $\alpha$ -Me-2F-Phe)-  
(APPA);

Aib-V-Aib-EIQL-Nle-HQ-Har-AR-(Bip(OMe))-(APPA);

(AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Har-AR-(Bip(OMe))-(APPA);

Aib-V-Aib-EIQL-Nle-HQ-Har-A-Cit-(Bip(OMe))-(APPA);

(AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Har-A-Cit-(Bip(OMe))-(APPA);

Aib-V-Aib-EIQL-Nle-HQ-Har-A-Aib-(Bip(OMe))-(APPA);

(AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Har-A-Aib-(Bip(OMe))-(APPA);

Aib-V-Aib-EIQL-Nle-HQ-Har-A-( $\alpha$ -Me-2,6-F-Phe)-(Bip(OMe))-(APPA);

(AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Har-A-( $\alpha$ -Me-2,6-F-Phe)-(Bip(OMe))-(APPA);

Aib-V-Aib-EIQL-Nle-HQ-Har-Aib-R-(Bip(OMe))-(APPA);

(AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Har-Aib-R-(Bip(OMe))-(APPA);

Aib-V-Aib-EIQL-Nle-HQ-Har-Aib-Cit-(Bip(OMe))-(APPA);

(AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Har-Aib-Cit-(Bip(OMe))-(APPA);

Aib-V-Aib-EIQL-Nle-HQ-Har-Aib-Aib-(Bip(OMe))-(APPA);

(AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Har-Aib-Aib-(Bip(OMe))-(APPA);

Aib-V-Aib-EIQL-Nle-HQ-Har-Aib-( $\alpha$ -Me-2,6-F-Phe)-(Bip(OMe))-(APPA);

(AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Har-Aib-( $\alpha$ -Me-2,6-F-Phe)-(Bip(OMe))-(APPA);

Aib-V-Aib-EIQL-Nle-HQ-Orm-AR-(Bip(OMe))-(APPA);

(AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Orm-AR-(Bip(OMe))-(APPA);

Aib-V-Aib-EIQL-Nle-HQ-Orm-A-Cit-(Bip(OMe))-(APPA);

(AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Orm-A-Cit-(Bip(OMe))-(APPA);

Aib-V-Aib-EIQL-Nle-HQ-Orm-A-Aib-(Bip(OMe))-(APPA);

(AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Orm-A-Aib-(Bip(OMe))-(APPA);

Aib-V-Aib-EIQL-Nle-HQ-Orm-A-( $\alpha$ -Me-2,6-F-Phe)-(Bip(OMe))-(APPA);

(AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Orm-A-( $\alpha$ -Me-2,6-F-Phe)-(Bip(OMe))-(APPA);

Aib-V-Aib-EIQL-Nle-HQ-Orm-Aib-R-(Bip(OMe))-(APPA);

(AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Orm-Aib-R-(Bip(OMe))-(APPA);

Aib-V-Aib-EIQL-Nle-HQ-Orm-Aib-Cit-(Bip(OMe))-(APPA);

(AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Orm-Aib-Cit-(Bip(OMe))-(APPA);

Aib-V-Aib-EIQL-Nle-HQ-Orm-Aib-Aib-(Bip(OMe))-(APPA);

【化 3 5】

(AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-Om-Aib-Aib-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQL-Nle-HQ-Om-Aib-( $\alpha$ -Me-2,6-F-Phe)-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-Om-Aib-( $\alpha$ -Me-2,6-F-Phe)-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQL-Nle-HQ-Cit-AR-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-Cit-AR-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQL-Nle-HQ-Cit-A-Cit-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-Cit-A-Cit-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQL-Nle-HQ-Cit-A-Aib-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-Cit-A-Aib-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQL-Nle-HQ-Cit-A-( $\alpha$ -Me-2,6-F-Phe)-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-Cit-A-( $\alpha$ -Me-2,6-F-Phe)-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQL-Nle-HQ-Cit-Aib-R-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-Cit-Aib-R-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQL-Nle-HQ-Cit-Aib-Cit-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-Cit-Aib-Cit-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQL-Nle-HQ-Cit-Aib-Aib-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-Cit-Aib-Aib-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQL-Nle-HQ-Cit-Aib-( $\alpha$ -Me-2,6-F-Phe)-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-Cit-Aib-( $\alpha$ -Me-2,6-F-Phe)-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQL-Nle-HQ-(HoCit)-AR-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-(HoCit)-AR-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQL-Nle-HQ-(HoCit)-A-Cit-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-(HoCit)-A-Cit-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQL-Nle-HQ-(HoCit)-A-Aib-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-(HoCit)-A-Aib-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQL-Nle-HQ-(HoCit)-A-( $\alpha$ -Me-2,6-F-Phe)-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-(HoCit)-A-( $\alpha$ -Me-2,6-F-Phe)-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQL-Nle-HQ-(HoCit)-Aib-R-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-(HoCit)-Aib-R-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQL-Nle-HQ-(HoCit)-Aib-Cit-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-(HoCit)-Aib-Cit-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQL-Nle-HQ-(HoCit)-Aib-Aib-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-(HoCit)-Aib-Aib-(Bip(OMe))-(APPA);

【化 3 6】

Aib-V-Aib-EIQL-Nle-HQ-(HoCit)-Aib-( $\alpha$ -Me-2,6-F-Phe)-(Bip(OMe))-(APPA);  
 (AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-(HoCit)-Aib-( $\alpha$ -Me-2,6-F-Phe)-(Bip(OMe))-  
 (APPA);  
 Aib-V-Aib-EIQL-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-AR-(Bip(OMe))-(APPA);  
 (AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-AR-(Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQL-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Cit-(Bip(OMe))-(APPA);  
 (AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Cit-(Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQL-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Aib-(Bip(OMe))-(APPA);  
 (AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Aib-(Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQL-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-( $\alpha$ -Me-2,6-F-Phe)-(Bip(OMe))-  
 (APPA);  
 (AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-( $\alpha$ -Me-2,6-F-Phe)-  
 (Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQL-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-R-(Bip(OMe))-(APPA);  
 (AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-R-(Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQL-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Cit-(Bip(OMe))-(APPA);  
 (AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Cit-(Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQL-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Aib-(Bip(OMe))-(APPA);  
 (AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Aib-(Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQL-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-( $\alpha$ -Me-2,6-F-Phe)-(Bip(OMe))-  
 (APPA);  
 (AC<sub>5</sub>C)-V-Aib-EIQL-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-( $\alpha$ -Me-2,6-F-Phe)-  
 (Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-AR-(Bip(OMe))-(APPA);  
 (AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-AR-(Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Cit-(Bip(OMe))-(APPA);  
 (AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Cit-(Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Aib-(Bip(OMe))-(APPA);  
 (AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-Aib-(Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-( $\alpha$ -Me-2,6-F-Phe)-(Bip(OMe))-  
 (APPA);

【化 3 7】

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-A-( $\alpha$ -Me-2,6-F-Phe)-  
(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-R-(Bip(OMe))-(APPA);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-R-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Cit-(Bip(OMe))-(APPA);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Cit-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Aib-(Bip(OMe))-(APPA);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-Aib-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-( $\alpha$ -Me-2,6-F-Phe)-  
(Bip(OMe))-(APPA);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Har-Aib-( $\alpha$ -Me-2,6-F-Phe)-  
(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-AR-(Bip(OMe))-(APPA);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-AR-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-A-Cit-(Bip(OMe))-(APPA);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-A-Cit-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-A-Aib-(Bip(OMe))-(APPA);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-A-Aib-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-A-( $\alpha$ -Me-2,6-F-Phe)-(Bip(OMe))-  
(APPA);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-A-( $\alpha$ -Me-2,6-F-Phe)-  
(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-Aib-R-(Bip(OMe))-(APPA);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-Aib-R-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-Aib-Cit-(Bip(OMe))-(APPA);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-Aib-Cit-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-Aib-Aib-(Bip(OMe))-(APPA);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-Aib-Aib-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-Aib-( $\alpha$ -Me-2,6-F-Phe)-  
(Bip(OMe))-(APPA);  
(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Orn-Aib-( $\alpha$ -Me-2,6-F-Phe)-  
(Bip(OMe))-(APPA);

【化 3 8】

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-AR-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-AR-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-A-Cit-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-A-Cit-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-A-Aib-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-A-Aib-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-A-( $\alpha$ -Me-2,6-F-Phe)-(Bip(OMe))-  
(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-A-( $\alpha$ -Me-2,6-F-Phe)-  
(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-Aib-R-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-Aib-R-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-Aib-Cit-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-Aib-Cit-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-Aib-Aib-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-Aib-Aib-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-Aib-( $\alpha$ -Me-2,6-F-Phe)-  
(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-Cit-Aib-( $\alpha$ -Me-2,6-F-Phe)-  
(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-AR-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-AR-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-A-Cit-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-A-Cit-(Bip(OMe))-  
(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-A-Aib-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-A-Aib-(Bip(OMe))-  
(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-A-( $\alpha$ -Me-2,6-F-Phe)-  
(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-A-( $\alpha$ -Me-2,6-F-Phe)-  
(Bip(OMe))-(APPA);

【化 3 9】

Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-Aib-R-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-Aib-R-(Bip(OMe))-  
(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-Aib-Cit-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-Aib-Cit-(Bip(OMe))-  
(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-Aib-Aib-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-Aib-Aib-(Bip(OMe))-  
(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-Aib-( $\alpha$ -Me-2,6-F-Phe)-  
(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-(HoCit)-Aib-( $\alpha$ -Me-2,6-F-Phe)-  
(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-AR-(Bip(OMe))-  
(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-AR-  
(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Cit-(Bip(OMe))-  
(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Cit-  
(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Aib-(Bip(OMe))-  
(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-Aib-  
(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-( $\alpha$ -Me-2,6-F-  
Phe)-(Bip(OMe))-(APPA);  
(AC<sub>5</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-A-( $\alpha$ -Me-2,6-F-  
Phe)-(Bip(OMe))-(APPA);  
Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-R-(Bip(OMe))-  
(APPA);

【化 4 0】

(AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-R-  
 (Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Cit-  
 (Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Cit-  
 (Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Aib-  
 (Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-Aib-  
 (Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-( $\alpha$ -Me-2,6-F-  
 Phe)-(Bip(OMe))-(APPA);  
 (AC<sub>3</sub>C)-V-Aib-EIQ-( $\alpha$ -Me-2,6-F-Phe)-Nle-HQ-( $\alpha$ -Me-2,6-F-Phe)-Aib-( $\alpha$ -Me-2,6-  
 F-Phe)-(Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQLMHQ-Har-AK-( $\alpha$ Me-Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQL-Nle-HQ-Har-AK-( $\alpha$ Me-Bip(OMe))-(APPA);  
 V-Aib-V-Aib-EIQLMHQ-Har-AK-(Bip(OMe))-( $\alpha$ Me-APPA);  
 V-Aib-V-Aib-EIQL-Nle-HQ-Har-AK-(Bip(OMe))-( $\alpha$ Me-APPA);  
 ( $\alpha$ Me-V)-(AC<sub>3</sub>C)-V-Aib-EIQLMHQ-Har-AK-(Bip(OMe))-( $\alpha$ Me-APPA);  
 ( $\alpha$ Me-V)-(AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Har-AK-(Bip(OMe))-( $\alpha$ Me-APPA);  
 (NMe-V)-(AC<sub>3</sub>C)-V-Aib-EIQLMHQ-Har-AK-(Bip(OMe))-( $\alpha$ Me-APPA);  
 (NMe-V)-(AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Har-AK-(Bip(OMe))-( $\alpha$ Me-APPA);  
 Aib-V-Aib-EIQLMHQ-Har-A-Har-( $\alpha$ Me-Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQL-Nle-HQ-Har-A-Har-( $\alpha$ Me-Bip(OMe))-(APPA);  
 Aib-V-Aib-EIQLMHQ-Har-A-Har-(Bip(OMe))-( $\alpha$ Me-APPA);  
 Aib-V-Aib-EIQL-Nle-HQ-Har-A-Har-(Bip(OMe))-( $\alpha$ Me-APPA);  
 V-Aib-V-Aib-EIQLMHQ-Har-A-Har-( $\alpha$ Me-Bip(OMe))-(APPA);  
 V-Aib-V-Aib-EIQL-Nle-HQ-Har-A-Har-( $\alpha$ Me-Bip(OMe))-(APPA);  
 V-Aib-V-Aib-EIQLMHQ-Har-A-Har-(Bip(OMe))-( $\alpha$ Me-APPA);  
 V-Aib-V-Aib-EIQL-Nle-HQ-Har-A-Har-(Bip(OMe))-( $\alpha$ Me-APPA);  
 ( $\alpha$ Me-V)-(AC<sub>3</sub>C)-V-Aib-EIQLMHQ-Har-A-Har-(Bip(OMe))-( $\alpha$ Me-APPA);  
 ( $\alpha$ Me-V)-(AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Har-A-Har-(Bip(OMe))-( $\alpha$ Me-APPA);

【化 4 1】

(NMe-V)-(AC<sub>3</sub>C)-V-Aib-EIQLMHQ-Har-A-Har-(Bip(OMe))-(αMe-APPA);  
(NMe-V)-(AC<sub>3</sub>C)-V-Aib-EIQL-Nle-HQ-Har-A-Har-(Bip(OMe))-(αMe-APPA);  
Aib-V-Aib-EIQL-(αMe-M)-HQ-Har-A-Har-(αMe-Bip(OMe))-(APPA);  
Aib-V-Aib-EIQL-(αMe-Nle)-HQ-Har-A-Har-(αMe-Bip(OMe))-(APPA);  
Aib-V-Aib-EIQL-(αMe-M)-HQ-Har-A-Har-(Bip(OMe))-(αMe-APPA);  
Aib-V-Aib-EIQL-(αMe-Nle)-HQ-Har-A-Har-(Bip(OMe))-(αMe-APPA);  
V-Aib-V-Aib-EIQL-(αMe-M)-HQ-Har-A-Har-(αMe-Bip(OMe))-(APPA);  
V-Aib-V-Aib-EIQL-(αMe-Nle)-HQ-Har-A-Har-(αMe-Bip(OMe))-(APPA);  
V-(AC<sub>3</sub>C)-V-Aib-EIQL-(αMe-M)-HQ-Har-A-Har-(αMe-Bip(OMe))-(APPA);  
V-(AC<sub>3</sub>C)-V-Aib-EIQL-(αMe-Nle)-HQ-Har-A-Har-(αMe-Bip(OMe))-(APPA);  
V-(AC<sub>3</sub>C)-V-Aib-EIQL-(αMe-M)-HQ-Har-A-Har-(αMe-Bip(OMe))-(APPA);  
V-(AC<sub>3</sub>C)-V-Aib-EIQL-(αMe-Nle)-HQ-Har-A-Har-(αMe-Bip(OMe))-(APPA);  
V-Aib-V-Aib-EIQL-(αMe-M)-HQ-Har-A-Har-(Bip(OMe))-(αMe-APPA);  
V-Aib-V-Aib-EIQL-(αMe-Nle)-HQ-Har-A-Har-(Bip(OMe))-(αMe-APPA);  
V-(AC<sub>3</sub>C)-V-Aib-EIQL-(αMe-M)-HQ-Har-A-Har-(Bip(OMe))-(αMe-APPA);  
V-(AC<sub>3</sub>C)-V-Aib-EIQL-(αMe-Nle)-HQ-Har-A-Har-(Bip(OMe))-(αMe-APPA);  
V-(AC<sub>3</sub>C)-V-Aib-EIQL-(αMe-M)-HQ-Har-A-Har-(Bip(OMe))-(αMe-APPA);  
V-(AC<sub>3</sub>C)-V-Aib-EIQL-(αMe-Nle)-HQ-Har-A-Har-(Bip(OMe))-(αMe-APPA);  
(αMe-V)-(AC<sub>3</sub>C)-V-Aib-EIQL-(αMe-M)-HQ-Har-A-Har-(Bip(OMe))-(αMe-APPA);  
(αMe-V)-(AC<sub>3</sub>C)-V-Aib-EIQL-(αMe-Nle)-HQ-Har-A-Har-(Bip(OMe))-(αMe-APPA);  
(NMe-V)-(AC<sub>3</sub>C)-V-Aib-EIQL-(αMe-M)-HQ-Har-A-Har-(Bip(OMe))-(αMe-APPA);  
(NMe-V)-(AC<sub>3</sub>C)-V-Aib-EIQL-(αMe-Nle)-HQ-Har-A-Har-(Bip(OMe))-(αMe-APPA);  
Aib-V-Aib-EIQL-(αMe-M)-HQ-Har-A-Har-(αMe-2FPhe)-(APPA);  
Aib-V-Aib-EIQL-(αMe-Nle)-HQ-Har-A-Har-(αMe-2FPhe)-(APPA);  
V-Aib-V-Aib-EIQL-(αMe-M)-HQ-Har-A-Har-(αMe-2FPhe)-(αMe-APPA);  
V-Aib-V-Aib-EIQL-(αMe-Nle)-HQ-Har-A-Har-(αMe-2FPhe)-(αMe-APPA);  
V-(AC<sub>3</sub>C)-V-Aib-EIQL-(αMe-M)-HQ-Har-A-Har-(αMe-2FPhe)-(αMe-APPA);  
V-(AC<sub>3</sub>C)-V-Aib-EIQL-(αMe-Nle)-HQ-Har-A-Har-(αMe-2FPhe)-(αMe-APPA);

【化 4 2】

**V-(AC<sub>5</sub>C)-V-Aib-EIQL-(αMe-M)-HQ-Har-A-Har-(αMe-2FPhe)-(αMe-APPA);**  
**V-(AC<sub>5</sub>C)-V-Aib-EIQL-(αMe-Nle)-HQ-Har-A-Har-(αMe-2FPhe)-(αMe-APPA);**  
**(αMe-V)-(AC<sub>5</sub>C)-V-Aib-EIQL-(αMe-M)-HQ-Har-A-Har-(αMe-2FPhe)-(αMe-APPA);**  
**(αMe-V)-(AC<sub>5</sub>C)-V-Aib-EIQL-(αMe-Nle)-HQ-Har-A-Har-(αMe-2FPhe)-(αMe-APPA);**  
**(NMe-V)-(AC<sub>5</sub>C)-V-Aib-EIQL-(αMe-M)-HQ-Har-A-Har-(αMe-2FPhe)-(αMe-APPA);**  
**(NMe-V)-(AC<sub>5</sub>C)-V-Aib-EIQL-(αMe-Nle)-HQ-Har-A-Har-(αMe-2FPhe)-(αMe-APPA);**  
**Aib-V-Aib-EIQL-(αMe-M)-HQ-Har-A-Har-(αMe-Trp)-(APPA);**  
**Aib-V-Aib-EIQL-(αMe-Nle)-HQ-Har-A-Har-(αMe-Trp)-(APPA);**  
**(AC<sub>3</sub>C)-V-Aib-EIQL-(αMe-M)-HQ-Har-A-Har-(αMe-Trp)-(APPA);**  
**(AC<sub>3</sub>C)-V-Aib-EIQL-(αMe-Nle)-HQ-Har-A-Har-(αMe-Trp)-(APPA);**  
**(AC<sub>5</sub>C)-V-Aib-EIQL-(αMe-M)-HQ-Har-A-Har-(αMe-Trp)-(APPA);**  
**(AC<sub>5</sub>C)-V-Aib-EIQL-(αMe-Nle)-HQ-Har-A-Har-(αMe-Trp)-(APPA);**  
**Aib-V-Aib-EIQL-(αMe-M)-HQ-Har-A-Har-(αMe-Trp)-(αMe-APPA);**  
**Aib-V-Aib-EIQL-(αMe-Nle)-HQ-Har-A-Har-(αMe-Trp)-(αMe-APPA);**  
**V-(AC<sub>3</sub>C)-V-Aib-EIQL-(αMe-M)-HQ-Har-A-Har-(αMe-Trp)-(αMe-APPA);**  
**V-(AC<sub>3</sub>C)-V-Aib-EIQL-(αMe-Nle)-HQ-Har-A-Har-(αMe-Trp)-(αMe-APPA);**  
**V-(AC<sub>5</sub>C)-V-Aib-EIQL-(αMe-M)-HQ-Har-A-Har-(αMe-Trp)-(αMe-APPA);**  
**V-(AC<sub>5</sub>C)-V-Aib-EIQL-(αMe-Nle)-HQ-Har-A-Har-(αMe-Trp)-(αMe-APPA);**  
**(αMe-V)-(AC<sub>5</sub>C)-V-Aib-EIQL-(αMe-M)-HQ-Har-A-Har-(αMe-Trp)-(αMe-APPA);**  
**(αMe-V)-(AC<sub>5</sub>C)-V-Aib-EIQL-(αMe-Nle)-HQ-Har-A-Har-(αMe-Trp)-(αMe-APPA)**

から選択される式(1)の化合物。

【請求項 18】

請求項1～17のいずれか1項に記載の式(1)の化合物、及び好適な医薬的に許容される賦形剤を含む医薬組成物。

## 【請求項 19】

骨粗鬆症の進行又は発病を治療又は遅延するのに有用な、PTH-1受容体のアゴニストとして作用する、請求項1～17のいずれか1項に記載の式(1)の化合物を含む、医薬組成物。

## 【請求項 20】

前記骨粗鬆症が、原発性骨粗鬆症、内分泌性骨粗鬆症、閉経後骨粗鬆症、又は遺伝的若しくは先天性型の骨粗鬆症である、請求項19に記載の医薬組成物。

## 【請求項 21】

原発性骨粗鬆症、内分泌性骨粗鬆症、遺伝的及び先天性型の骨粗鬆症、固定化、慢性閉塞性肺疾患、又はリウマチ性疾患(関節リウマチ、脊椎炎)による骨粗鬆症、骨損失合併症につながる、骨髄炎、又は骨の感染病巣、により引き起こされる疾患を予防又は治療するための医薬組成物であって、有効で、毒性を示さない量の請求項1～17のいずれか1項に記載の式(1)の化合物を含む、医薬組成物。

## 【請求項 22】

請求項1～17のいずれか1項に記載の式(1)の化合物、及び医薬的に許容される担体、希釈剤、賦形剤、又は溶媒和物を含む、請求項19～21のいずれか1項に記載したいずれかの病状を治療/減少させるための医薬。

## 【請求項 23】

請求項19～21のいずれか1項に記載の疾患の治療のための医薬の製造における、請求項1～17のいずれか1項に記載の式(1)の化合物の使用。