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КАЛЛЕР Майкл Девитт (US)(54) **ПРИМЕНЕНИЕ МЕЛАНКОРТИНОВ ДЛЯ ЛЕЧЕНИЯ ДИСЛИПИДЕМИИ**

(57) Формула изобретения

1. Способ лечения дислипидемии у субъекта, нуждающегося в этом, включающий периферическое введение эффективного количества агониста рецептора-4 меланокортина для лечения дислипидемии у указанного субъекта, нуждающегося в этом.

2. Способ по п.1, где указанное лечение дислипидемии происходит в результате снижения в сыворотке уровней холестерина, триглицеридов, холестеринавого липопротеина низкой плотности, свободных жирных кислот или повышения уровней холестеринавого липопротеина высокой плотности, или любых сочетаний указанного.

3. Способ по п.1, где указанный субъект страдает стеатозом печени.

4. Способ по п.3, где указанный стеатоз печени представляет собой неалкогольную жировую болезнь печени или алкогольную жировую болезнь печени.

5. Способ по п.4, где указанная неалкогольная жировая болезнь печени или алкогольная жировая болезнь печени сопровождается стеатонефритом, стеатонекрозом, воспалением печеночной доли, баллонирующей дегенерацией, фиброзом, циррозом или раком или их любой комбинацией.

6. Способ по п.1, где указанный агонист рецептора-4 меланокортина, используемый для лечения дислипидемии, выбран из группы, состоящей из следующих соединений:

Ac-Arg-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;

Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-β-Ala-Lys)-NH₂;

Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Abc-Lys)-NH₂;

Ac-Nle-c(Cys-His-D-Phe-Arg-Trp-Ahx-Cys)-NH₂;
D-Phe-c(Cys-His-D-Phe-Arg-Trp-Ala-D-Cys)-Thr-NH₂;
D-Phe-c(Cys-His-D-Phe-Arg-Trp-β-Ala-D-Cys)-Thr-NH₂;
D-Phe-c(Cys-His-D-Phe-Arg-Trp-Gaba-D-Cys)-Thr-NH₂;
Ac-Nle-c(Cys-His-D-Phe-Arg-Trp-Apn-Cys)-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Apn-Lys)-NH₂;
Ac-A6c-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-NH₂;
Ac-D-2-Nal-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-NH₂;
Ac-Cha-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-Nle-c(Cys-β-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-Nle-c(Cys-Gaba-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-Nle-c(Cys-Aib-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-Nle-c(Cys-Gly-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-Nle-c(D-Cys-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-Nle-c(D-Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-Nle-c(D-Cys-β-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-Nle-c(D-Cys-Gaba-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-Nle-c(D-Cys-Aib-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-Nle-c(D-Cys-Gly-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-D-Cys)-NH₂;
Ac-Nle-c(Cys-β-Ala-His-D-Phe-Arg-Trp-D-Cys)-NH₂;
Ac-Nle-c(Cys-Gaba-His-D-Phe-Arg-Trp-D-Cys)-NH₂;
Ac-Nle-c(Cys-Aib-His-D-Phe-Arg-Trp-D-Cys)-NH₂;
Ac-Nle-c(Cys-Gly-His-D-Phe-Arg-Trp-D-Cys)-NH₂;
Ac-Nle-c(D-Cys-Ala-His-D-Phe-Arg-Trp-D-Cys)-NH₂;
Ac-Nle-c(D-Cys-D-Ala-His-D-Phe-Arg-Trp-D-Cys)-NH₂;
Ac-Nle-c(D-Cys-β-Ala-His-D-Phe-Arg-Trp-D-Cys)-NH₂;
Ac-Nle-c(D-Cys-Gaba-His-D-Phe-Arg-Trp-D-Cys)-NH₂;
Ac-Nle-c(D-Cys-Aib-His-D-Phe-Arg-Trp-D-Cys)-NH₂;
Ac-Oic-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-NH₂;
Ac-Chg-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-NH₂;
Ac-hCha-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-NH₂;
Ac-D-Cha-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-NH₂;
Ac-Nip-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-NH₂;
Ac-hPro-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-NH₂;
Ac-hLeu-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-NH₂;
Ac-Phe-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-NH₂;
Ac-D-Phe-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-NH₂;
Ac-D-Chg-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-NH₂;

n-butanoyl-Cha-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-NH₂;
Ac-hPhe-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-NH₂;
Ac-βhMet-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-NH₂;
Ac-Gaba-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-NH₂;
Ac-Cha-c(Asp-His-D-Phe-Arg-D-Trp-Ala-Lys)-NH₂;
Ac-hCha-c(Asp-His-D-Phe-Arg-D-Trp-Ala-Lys)-NH₂;
Ac-Leu-c(Asp-His-D-Phe-Arg-D-Trp-Ala-Lys)-NH₂;
Ac-hLeu-c(Asp-His-D-Phe-Arg-D-Trp-Ala-Lys)-NH₂;
Ac-Phe-c(Asp-His-D-Phe-Arg-D-Trp-Ala-Lys)-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-D-Trp-D-Ala-Lys)-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-D-Trp-βAla-Lys)-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-D-Trp-Gaba-Lys)-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-D-Trp-Aha-Lys)-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-D-Trp-Apn-Lys)-NH₂;
Ac-Nle-c(Cys-His-D-Phe-Arg-D-Trp-Apn-Cys)-NH₂;
Ac-Nle-c(Cys-His-D-Phe-Arg-D-Trp-Gaba-Cys)-NH₂;
Ac-Nle-c(Cys-His-D-Phe-Arg-D-Trp-Ahx-Cys)-NH₂;
Ac-Nle-c(Cys-His-D-Phe-Arg-D-Trp-βAla-Cys)-NH₂;
Ac-Nle-c(Cys-His-D-Phe-Arg-D-Trp-D-Ala-Cys)-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-2-Nal-Arg-Trp-Cys)-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-2-Nal-Arg-2-Nal-Cys)-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-2-Nal-Arg-1-Nal-Cys)-NH₂;
n-butanoyl-Nle-c(Cys-D-Ala-His-D-Phe-Arg-2-Nal-Cys)-NH₂;
n-butanoyl-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-2-Nal-Cys)-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-1-Nal-Cys)-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Bal-Cys)-NH₂;
Ac-Nle-c(Cys-D-Glu-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-D-Ala-Lys)-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-2-Nal-Arg-Bal-Cys)-NH₂;
Ac-Nle-c(Pen-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Pen)-NH₂;
Ac-Nle-c(Pen-D-Ala-His-D-Phe-Arg-Trp-Pen)-NH₂;
D-Phe-c(Cys-His-D-Phe-hArg-Trp-βAla-D-Cys)-Thr-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-Arg-Trp-βAla-D-Cys)-Thr-NH₂;
D-Phe-c(Cys-His-D-Phe-Arg-Bip-βAla-D-Cys)-Thr-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-hArg-Trp-βAla-D-Cys)-Thr-NH₂;
D-Phe-c(Cys-His-D-Phe-hArg-Bip-βAla-D-Cys)-Thr-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-hArg-Bip-βAla-D-Cys)-Thr-NH₂;
Nle-c(Cys-His-D-Phe-Arg-Trp-Apn-Cys)-NH₂;
Ac-Nle-c(Asp-D-Ala-His-D-Phe-Arg-Trp-Lys)-NH₂;

Ac-Nle-c(Asp-D-Ala-His-D-Phe-Arg-Bal-Lys)-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Pen)-OH;
Ac-Nle-c(Cys-D-Abu-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-Nle-c(Cys-D-Val-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-Nle-c(Cys-D-Ile-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-Nle-c(Cys-D-Leu-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-Nle-c(Cys-D-Tle-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-Nle-c(Cys-D-Cha-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-Nle-c(Pen-His-D-Phe-Arg-Trp-Gaba-Cys)-NH₂;
Ac-Nle-c(Cys-His-D-Phe-Arg-Trp-Gaba-Pen)-NH₂;
Ac-Nle-c(Pen-His-D-Phe-Arg-Trp-Gaba-Pen)-NH₂;
Ac-Leu-c(Cys-His-D-Phe-Arg-Trp-Gaba-Cys)-NH₂;
Ac-Cha-c(Cys-His-D-Phe-Arg-Trp-Gaba-Cys)-NH₂;
Ac-Ile-c(Cys-His-D-Phe-Arg-Trp-Gaba-Cys)-NH₂;
Ac-Phe-c(Cys-His-D-Phe-Arg-Trp-Gaba-Cys)-NH₂;
Ac-Val-c(Cys-His-D-Phe-Arg-Trp-Gaba-Cys)-NH₂;
Ac-2-Nal-c(Cys-His-D-Phe-Arg-Trp-Gaba-Cys)-NH₂;
Nle-c(Cys-His-D-Phe-Arg-Trp-Gaba-Cys)-NH₂;
Phe-c(Cys-His-D-Phe-Arg-Trp-Gaba-Cys)-NH₂;
Ac-Nle-c(Cys-3-Pal-D-Phe-Arg-Trp-Gaba-Cys)-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-OH;
Ac-Nle-c(Cys-His-Phe-Arg-D-Trp-Gaba-Cys)-NH₂;
Ac-Nle-c(Asp-His-D-2-Nal-Arg-Trp-Ala-Lys)-NH₂;
Ac-Nle-c(Asp-His-D-2-Nal-Arg-Trp-β-Ala-Lys)-NH₂;
Ac-Nle-c(Cys-His-D-2-Nal-Arg-Trp-Gaba-Cys)-NH₂;
Ac-Nle-c(Cys-His-D-2-Nal-Arg-Trp-Ahx-Cys)-NH₂;
Ac-hPhe-c(Asp-His-D-2-Nal-Arg-Trp-Gaba-Lys)-NH₂;
Ac-Cha-c(Asp-His-D-2-Nal-Arg-Trp-Gaba-Lys)-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-β-Ala-Lys)-OH;
Ac-Nle-c(Cys-His-D-Phe-Arg-Trp-Ahx-Cys)-OH;
D-Phe-c(Cys-His-D-Phe-Arg-Trp-Ala-D-Cys)-Thr-OH;
D-Phe-c(Cys-His-D-Phe-Arg-Trp-β-Ala-D-Cys)-Thr-OH;
D-Phe-c(Cys-His-D-Phe-Arg-Trp-Gaba-D-Cys)-Thr-OH;
Ac-Nle-c(Cys-His-D-Phe-Arg-Trp-Apn-Cys)-OH;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Apn-Lys)-OH;
Ac-Cha-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-OH;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-OH;
Ac-Chg-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-OH;
Ac-D-Cha-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-OH;
Ac-hCha-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-OH;
Ac-D-Chg-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-OH;
Ac-hPhe-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-OH;
Ac-Nle-c(Cys-His-D-Phe-Arg-D-Trp-Gaba-Cys)-OH;
Ac-Nle-c(Cys-His-D-Phe-Arg-D-Trp-Ahx-Cys)-OH;

Ac-Nle-c(Cys-His-D-Phe-Arg-D-Trp- β -Ala-Cys)-OH;
Ac-Nle-c(Cys-His-D-Phe-Arg-D-Trp-D-Ala-Cys)-OH;
Ac-Nle-c(Cys-D-Ala-His-D-2-Nal-Arg-Trp-Cys)-OH;
Ac-Nle-c(Cys-D-Ala-His-D-2-Nal-Arg-2-Nal-Cys)-OH;
Ac-Nle-c(Cys-D-Ala-His-D-2-Nal-Arg-1-Nal-Cys)-OH;
Ac-Nle-c(Cys-D-Ala-His-D-2-Nal-Arg-Bal-Cys)-OH;
Ac-Nle-c(Pen-D-Ala-His-D-Phe-Arg-Trp-Cys)-OH;
Ac-Nle-c(Cys-His-D-Phe-Arg-Trp-Gaba-Pen)-OH;
Ac-Arg-c(Cys-D-Ala-His-D-2-Nal-Arg-Trp-Cys)-NH₂;
Ac-D-Arg-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-D-Arg-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Pen)-NH₂;
Ac-D-Arg-c(Cys-His-D-Phe-Arg-Trp-Gaba-Pen)-NH₂;
Ac-Arg-c(Cys-His-D-Phe-Arg-Trp-Gaba-Pen)-NH₂;
Ac-Arg-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Pen)-NH₂;
Ac-D-Arg-c(Asp-His-D-Phe-Arg-Trp-Ala-Lys)-NH₂;
Ac-Arg-c(Asp-His-D-Phe-Arg-Trp-Ala-Lys)-NH₂;
Ac-Nle-c(Cys-3-Pal-D-Phe-Arg-Trp-Gaba-Cys)-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Gly-Cys)-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-D-Ala-Cys)-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp- β -Ala-Cys)-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Gaba-Cys)-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Apn-Cys)-NH₂;
Ac-c(Cys-Glu-His-D-Phe-Arg-Trp-Ala-Cys)-NH₂;
Ac-c(Cys-Glu-His-D-Phe-Arg-2-Nal-Ala-Cys)-NH₂;
Ac-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Ala-Cys)-NH₂;
Ac-c(Cys-D-Ala-His-D-Phe-Arg-2-Nal-Ala-Cys)-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Ala-Cys)-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp- β -Ala-Cys)-NH₂;
Ac-Nle-c(Asp-D-Ala-His-D-Phe-Arg-Bal-Ala-Lys)-NH₂;
Tyr-Gly-Arg-(Lys)₂-(Arg)₂-Gln-(Arg)₃-Nle-c(Asp-His-D-2-Nal-Arg-Trp-Lys)-NH₂;
Tyr-Gly-Arg-(Lys)₂-(Arg)₂-Gln-(Arg)₃-Doc-Nle-c(Asp-His-D-2-Nal-Arg-Trp-Lys)-NH₂;
Nle-c(Asp-His-D-2-Nal-Arg-Trp-Lys)- β -Ala-Tyr-Gly-Arg-(Lys)₂-(Arg)₂-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Asp-His-D-2-Nal-Arg-Trp-Lys)- β -Ala-Tyr-Gly-Arg-(Lys)₂-(Arg)₂-Gln-(Arg)₃-NH₂;
Nle-c(Asp-His-D-2-Nal-Arg-Trp-Lys)-(Doc)₂-Tyr-Gly-Arg-(Lys)₂-(Arg)₂-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Asp-His-D-2-Nal-Arg-Trp-Lys)-(Pro)₂-Lys-Asp-Tyr-Gly-Arg-(Lys)₂-(Arg)₂-Gln-
(Arg)₃-NH₂;
Ac-c(Cys-Glu-His-D-2-Nal-Arg-Trp-Gly-Cys)-(Pro)₂-Lys-Asp-Tyr-Gly-Arg-(Lys)₂-(Arg)₂-Gln-
(Arg)₃-NH₂;
Ac-Nle-c(Asp-His-D-2-Nal-Arg-Trp-Lys)-(β -Ala)₂-Tyr-Gly-Arg-(Lys)₂-(Arg)₂-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Asp-His-D-2-Nal-Arg-Trp-Lys)-(Pro)₂-Lys-Asp-Doc-Tyr-Gly-Arg-(Lys)₂-(Arg)₂-Gln-
(Arg)₃-NH₂;
Ac-c(Cys-Glu-His-D-2-Nal-Arg-Trp-Gly-Cys)-(Pro)₂-Lys-Asp-Doc-Tyr-Gly-Arg-(Lys)₂-

(Arg)₂-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Trp-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Gly-Arg-(Lys)₂-

(Arg)₂-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Trp-Ala-Cys)-(Pro)₂-Lys-Asp-Doc-Tyr-Gly-Arg-(Lys)₂-

(Arg)₂-Gln-(Arg)₃-NH₂;

Ac-Nle-c(Asp-His-D-2-Nal-Arg-Trp-Lys)-(Doc)₂-Tyr-Gly-Arg-(Lys)₂-(Arg)₂-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-2-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Gly-Arg-(Lys)₂-

(Arg)₂-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Bal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-(Arg)₅-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Bal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Gly-(Arg)₅-Gln-

(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Bal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Gly-(Arg)₅-Gln-

(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Trp-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Gly-Arg-(Lys)₂-Arg-

Gln-(Arg)₄-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Trp-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Gly-Arg-(Lys)₂-Gln-

(Arg)₅-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Trp-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Gly-Arg-Lys-Gln-

Lys-(Arg)₅-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Trp-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Gly-Arg-(Lys)₂-

(Arg)₄-Gln-Arg-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Bal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Aib-Arg-(Lys)₂-

(Arg)₂-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-1-Nal-Ala-Cys)-(Pro)₂-Arg-Asp-β-Ala-(Arg)₅-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-1-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-(Arg)₅-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-1-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-(Arg)₆-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-2-Nal-Ala-Cys)-(Pro)₂-Arg-Asp-β-Ala-(Arg)₅-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-2-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-(Arg)₅-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-2-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-(Arg)₆-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Bal-Ala-Cys)-(Pro)₂-Arg-Asp-β-Ala-(Arg)₆-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Bal-Ala-Cys)-(Pro)₂-Arg-Asp-β-Ala-(Arg)₅-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Bal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-(Arg)₆-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Trp-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Gly-Arg-(Lys)₂-

(Arg)₃-Gln-(Arg)₂-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Trp-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Gly-Arg-Gln-(Lys)₂-

(Arg)₅-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Trp-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Gly-Arg-(Lys)₂-

(Arg)₅-Gln-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-1-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Gly-Arg-(Lys)₂-

(Arg)₂-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Bal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Gly-Arg-(Lys)₂-

(Arg)₂-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-1-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-(Arg)₂-Lys-(Arg)₂-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-1-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Arg-Lys-(Arg)₃-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-2-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-(Arg)₂-Lys-(Arg)₂-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-2-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Gly-(Arg)₂-Lys-(Arg)₂-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-2-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Gly-(Arg)₂-Lys-(Arg)₂-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-2-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Gly-Arg-Lys-(Arg)₃-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-1-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Gly-(Arg)₂-Lys-(Arg)₂-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-1-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Gly-Arg-Lys-(Arg)₃-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-1-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Gly-(Arg)₂-Lys-(Arg)₂-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-1-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Gly-Arg-Lys-(Arg)₃-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-2-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-(Arg)₂-Lys-(Arg)₂-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-2-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Arg-Lys-(Arg)₃-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-2-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Gly-Arg-Lys-(Arg)₃-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Bal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-(Arg)₂-Lys-(Arg)₂-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Bal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Arg-Lys-(Arg)₃-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Bal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Gly-(Arg)₂-Lys-(Arg)₂-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Bal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Gly-Arg-Lys-(Arg)₃-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Bal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Gly-(Arg)₂-Lys-(Arg)₂-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Bal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Gly-Arg-Lys-(Arg)₃-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Trp-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-(Arg)₅-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Trp-Ala-Cys)-(Pro)₂-Arg-Asp-β-Ala-(Arg)₅-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Trp-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Trp-Ala-Cys)-(Pro)₂-Arg-Asp-β-Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Trp-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-(Arg)₅-Gln-(Arg)₄-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Trp-Ala-Cys)-(Pro)₂-Arg-Asp-β-Ala-(Arg)₅-Gln-(Arg)₄-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Trp-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Trp-Ala-Cys)-(Pro)₂-Arg-Asp-β-Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-1-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-(Arg)₅-Gln-(Arg)₄-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-1-Nal-Ala-Cys)-(Pro)₂-Arg-Asp-β-Ala-(Arg)₅-Gln-(Arg)₄-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-1-Nal-Ala-Cys)-(Pro)₂-Arg-Asp-β-Ala-(Arg)₆-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-1-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-1-Nal-Ala-Cys)-(Pro)₂-Arg-Asp-β-Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-1-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-1-Nal-Ala-Cys)-(Pro)₂-Arg-Asp-β-Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-1-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Gly-(Arg)₆-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-1-Nal-Ala-Cys)-(Pro)₂-Arg-Asp-β-Ala-Tyr-Gly-(Arg)₆-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-2-Nal-Ala-Cys)-(Pro)₂-Arg-Asp-β-Ala-(Arg)₆-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-2-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-(Arg)₅-Gln-(Arg)₄-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-2-Nal-Ala-Cys)-(Pro)₂-Arg-Asp-β-Ala-(Arg)₅-Gln-(Arg)₄-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-2-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-2-Nal-Ala-Cys)-(Pro)₂-Arg-Asp-β-Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-2-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Gly-(Arg)₆-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-2-Nal-Ala-Cys)-(Pro)₂-Arg-Asp-β-Ala-Tyr-Gly-(Arg)₆-Gln-(Arg)₃-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-2-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-2-Nal-Ala-Cys)-(Pro)₂-Arg-Asp-β-Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Bal-Ala-Cys)-(Pro)₂-Lys-Asp-β-Ala-(Arg)₅-Gln-(Arg)₄-NH₂;

Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-(β -Ala)₂-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-Doc-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-Doc-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-Doc-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-(Doc)₂-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-(Doc)₂-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-(Doc)₂-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-Nle-c(Cys-His-D-Phe-Arg-Trp-Gaba-Cys)- β -Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Cys-His-D-Phe-Arg-Trp-Gaba-Cys)- β -Ala-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Ala-Lys)- β -Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Ala-Lys)- β -Ala-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Lys)- β -Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Lys)- β -Ala-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Lys)- β -Ala-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Lys)-(β -Ala)₂-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Lys)-(β -Ala)₂-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Lys)-(β -Ala)₂-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Lys)-Doc-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Lys)-Doc-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Lys)-Doc-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Lys)-(Doc)₂-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Lys)-(Doc)₂-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Lys)-(Doc)₂-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Lys)- β -Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Lys)- β -Ala-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Lys)- β -Ala-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Lys)-(β -Ala)₂-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Lys)-(β -Ala)₂-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Lys)-(β -Ala)₂-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Lys)-Doc-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Lys)-Doc-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Lys)-Doc-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Lys)-(Doc)₂-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Lys)-(Doc)₂-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Lys)-(Doc)₂-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp- β -Ala-Lys)- β -Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp- β -Ala-Lys)- β -Ala-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Cys-His-D-Phe-Arg-Trp-Ahx-Cys)- β -Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Cys-His-D-Phe-Arg-Trp-Ahx-Cys)- β -Ala-(Arg)₅-Gln-(Arg)₃-NH₂;
D-Phe-c(Cys-His-D-Phe-Arg-Trp- β -Ala-D-Cys)-Thr- β -Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
D-Phe-c(Cys-His-D-Phe-Arg-Trp- β -Ala-D-Cys)-Thr- β -Ala-(Arg)₅-Gln-(Arg)₃-NH₂;

Ac-Nle-c(Cys-His-D-Phe-Arg-Trp-Apn-Cys)- β -Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Cys-His-D-Phe-Arg-Trp-Apn-Cys)- β -Ala-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Cha-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)- β -Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Cha-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)- β -Ala-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)- β -Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)- β -Ala-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Chg-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)- β -Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Chg-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)- β -Ala-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-hCha-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)- β -Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-hCha-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)- β -Ala-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-hCha-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-(β -Ala)₂-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-hCha-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-(β -Ala)₂-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-hCha-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-Doc-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-hCha-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-Doc-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-hCha-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-Doc-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-hCha-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-Doc-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-hCha-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-(β -Ala)₂-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-hCha-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)- β -Ala-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-hCha-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-(β -Ala)₂-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-hCha-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-(β -Ala)₂-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-hCha-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-Doc-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-hCha-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-Doc-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-hCha-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-Doc-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-hCha-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)-Doc-(Arg)₅-Gln-(Arg)₄-NH₂;
Ac-D-Chg-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)- β -Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-D-Chg-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)- β -Ala-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-hPhe-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)- β -Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-hPhe-c(Asp-His-D-Phe-Arg-Trp-Gaba-Lys)- β -Ala-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Cys-His-D-Phe-Arg-D-Trp-Apn-Cys)- β -Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Cys-His-D-Phe-Arg-D-Trp-Apn-Cys)- β -Ala-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Cys-His-D-Phe-Arg-D-Trp-Ahx-Cys)- β -Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Cys-His-D-Phe-Arg-D-Trp-Ahx-Cys)- β -Ala-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Cys-His-D-Phe-Arg-D-Trp- β -Ala-Cys)- β -Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Cys-His-D-Phe-Arg-D-Trp- β -Ala-Cys)- β -Ala-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Pen)- β -Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Pen)- β -Ala-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Pen)- β -Ala-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Pen)-(β -Ala)₂-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Pen)-(β -Ala)₂-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Pen)-(β -Ala)₂-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Pen)-Doc-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;

Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Pen)-Doc-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Pen)-Doc-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Pen)-(Doc)₂-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Pen)-(Doc)₂-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
Ac-Nle-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Pen)-(Doc)₂-(Arg)₅-Gln-(Arg)₃-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-Arg-Trp-β-Ala-D-Cys)-β-Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-Arg-Trp-β-Ala-D-Cys)-β-Ala-(Arg)₅-Gln-(Arg)₃-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-Arg-Trp-β-Ala-D-Cys)-β-Ala-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-Arg-Trp-β-Ala-D-Cys)-β-Ala-(Arg)₅-Gln-(Arg)₄-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-Arg-Trp-β-Ala-D-Cys)-(β-Ala)₂-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-Arg-Trp-β-Ala-D-Cys)-(β-Ala)₂-(Arg)₅-Gln-(Arg)₃-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-Arg-Trp-β-Ala-D-Cys)-(β-Ala)₂-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-Arg-Trp-β-Ala-D-Cys)-(β-Ala)₂-(Arg)₅-Gln-(Arg)₄-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-Arg-Trp-β-Ala-D-Cys)-Doc-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-Arg-Trp-β-Ala-D-Cys)-Doc-(Arg)₅-Gln-(Arg)₃-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-Arg-Trp-β-Ala-D-Cys)-Doc-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-Arg-Trp-β-Ala-D-Cys)-Doc-(Arg)₅-Gln-(Arg)₄-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-Arg-Trp-β-Ala-D-Cys)-(Doc)₂-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-Arg-Trp-β-Ala-D-Cys)-(Doc)₂-(Arg)₅-Gln-(Arg)₃-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-Arg-Trp-β-Ala-D-Cys)-(Doc)₂-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-Arg-Trp-β-Ala-D-Cys)-(Doc)₂-(Arg)₅-Gln-(Arg)₄-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-hArg-Trp-β-Ala-D-Cys)-Thr-β-Ala-Tyr-Gly-(Arg)₅-Gln-
(Arg)₃-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-hArg-Trp-β-Ala-D-Cys)-Thr-β-Ala-(Arg)₅-Gln-(Arg)₃-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-hArg-Trp-β-Ala-D-Cys)-Thr-(β-Ala)₂-Tyr-Gly-(Arg)₅-Gln-
(Arg)₃-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-hArg-Trp-β-Ala-D-Cys)-Thr-(β-Ala)₂-(Arg)₅-Gln-(Arg)₃-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-hArg-Trp-β-Ala-D-Cys)-Thr-Doc-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-hArg-Trp-β-Ala-D-Cys)-Thr-Doc-(Arg)₅-Gln-(Arg)₃-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-hArg-Trp-β-Ala-D-Cys)-Thr-(Doc)₂-Tyr-Gly-(Arg)₅-Gln-
(Arg)₃-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-hArg-Trp-β-Ala-D-Cys)-Thr-β-Ala-Tyr-Gly-(Arg)₅-Gln-
(Arg)₄-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-hArg-Trp-β-Ala-D-Cys)-Thr-β-Ala-(Arg)₅-Gln-(Arg)₄-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-hArg-Trp-β-Ala-D-Cys)-Thr-(β-Ala)₂-Tyr-Gly-(Arg)₅-Gln-
(Arg)₄-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-hArg-Trp-β-Ala-D-Cys)-Thr-(β-Ala)₂-(Arg)₅-Gln-(Arg)₄-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-hArg-Trp-β-Ala-D-Cys)-Thr-Doc-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-hArg-Trp-β-Ala-D-Cys)-Thr-Doc-(Arg)₅-Gln-(Arg)₄-NH₂;
D-Phe-c(Cys-His-D-(Et)Tyr-hArg-Trp-β-Ala-D-Cys)-Thr-(Doc)₂-Tyr-Gly-(Arg)₅-Gln-
(Arg)₄-NH₂;

Ac-Nle-c(Cys-D-Leu-His-D-Phe-Arg-Trp-Cys)- β -Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
 Ac-Nle-c(Cys-D-Leu-His-D-Phe-Arg-Trp-Cys)- β -Ala-(Arg)₅-Gln-(Arg)₄-NH₂;
 Ac-Nle-c(Cys-D-Leu-His-D-Phe-Arg-Trp-Cys)-(β -Ala)₂-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
 Ac-Nle-c(Cys-D-Leu-His-D-Phe-Arg-Trp-Cys)-(β -Ala)₂-(Arg)₅-Gln-(Arg)₄-NH₂;
 Ac-Nle-c(Cys-D-Leu-His-D-Phe-Arg-Trp-Cys)-Doc-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
 Ac-Nle-c(Cys-D-Leu-His-D-Phe-Arg-Trp-Cys)-Doc-(Arg)₅-Gln-(Arg)₄-NH₂;
 Ac-Nle-c(Cys-D-Leu-His-D-Phe-Arg-Trp-Cys)-(Doc)₂-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
 Ac-Nle-c(Cys-D-Leu-His-D-Phe-Arg-Trp-Cys)-(Doc)₂-(Arg)₅-Gln-(Arg)₄-NH₂;
 Ac-Nle-c(Cys-D-Cha-His-D-Phe-Arg-Trp-Cys)- β -Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
 Ac-Nle-c(Cys-D-Cha-His-D-Phe-Arg-Trp-Cys)- β -Ala-(Arg)₅-Gln-(Arg)₃-NH₂;
 Ac-Nle-c(Cys-D-Cha-His-D-Phe-Arg-Trp-Cys)-(β -Ala)₂-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
 Ac-Nle-c(Cys-D-Cha-His-D-Phe-Arg-Trp-Cys)-(β -Ala)₂-(Arg)₅-Gln-(Arg)₃-NH₂;
 Ac-Nle-c(Cys-D-Cha-His-D-Phe-Arg-Trp-Cys)-Doc-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
 Ac-Nle-c(Cys-D-Cha-His-D-Phe-Arg-Trp-Cys)-Doc-(Arg)₅-Gln-(Arg)₃-NH₂;
 Ac-Nle-c(Cys-D-Cha-His-D-Phe-Arg-Trp-Cys)-(Doc)₂-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
 Ac-Nle-c(Cys-D-Cha-His-D-Phe-Arg-Trp-Cys)-(Doc)₂-(Arg)₅-Gln-(Arg)₃-NH₂;
 Ac-Nle-c(Cys-D-Cha-His-D-Phe-Arg-Trp-Cys)- β -Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
 Ac-Nle-c(Cys-D-Cha-His-D-Phe-Arg-Trp-Cys)- β -Ala-(Arg)₅-Gln-(Arg)₄-NH₂;
 Ac-Nle-c(Cys-D-Cha-His-D-Phe-Arg-Trp-Cys)-(β -Ala)₂-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
 Ac-Nle-c(Cys-D-Cha-His-D-Phe-Arg-Trp-Cys)-(β -Ala)₂-(Arg)₅-Gln-(Arg)₄-NH₂;
 Ac-Nle-c(Cys-D-Cha-His-D-Phe-Arg-Trp-Cys)-Doc-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
 Ac-Nle-c(Cys-D-Cha-His-D-Phe-Arg-Trp-Cys)-Doc-(Arg)₅-Gln-(Arg)₄-NH₂;
 Ac-Nle-c(Cys-D-Cha-His-D-Phe-Arg-Trp-Cys)-(Doc)₂-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
 Ac-Nle-c(Cys-D-Cha-His-D-Phe-Arg-Trp-Cys)-(Doc)₂-(Arg)₅-Gln-(Arg)₄-NH₂;
 Nle-c(Cys-His-D-Phe-Arg-Trp-Gaba-Cys)- β -Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
 Nle-c(Cys-His-D-Phe-Arg-Trp-Gaba-Cys)- β -Ala-(Arg)₅-Gln-(Arg)₃-NH₂;
 Nle-c(Cys-His-D-Phe-Arg-Trp-Gaba-Cys)-(β -Ala)₂-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
 Nle-c(Cys-His-D-Phe-Arg-Trp-Gaba-Cys)-(β -Ala)₂-(Arg)₅-Gln-(Arg)₃-NH₂;
 Nle-c(Cys-His-D-Phe-Arg-Trp-Gaba-Cys)- β -Ala-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
 Nle-c(Cys-His-D-Phe-Arg-Trp-Gaba-Cys)- β -Ala-(Arg)₅-Gln-(Arg)₄-NH₂;
 Nle-c(Cys-His-D-Phe-Arg-Trp-Gaba-Cys)-(β -Ala)₂-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
 Nle-c(Cys-His-D-Phe-Arg-Trp-Gaba-Cys)-(β -Ala)₂-(Arg)₅-Gln-(Arg)₄-NH₂;
 Nle-c(Cys-His-D-Phe-Arg-Trp-Gaba-Cys)-Doc-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
 Nle-c(Cys-His-D-Phe-Arg-Trp-Gaba-Cys)-Doc-(Arg)₅-Gln-(Arg)₃-NH₂;
 Nle-c(Cys-His-D-Phe-Arg-Trp-Gaba-Cys)-(Doc)₂-Tyr-Gly-(Arg)₅-Gln-(Arg)₃-NH₂;
 Nle-c(Cys-His-D-Phe-Arg-Trp-Gaba-Cys)-(Doc)₂-(Arg)₅-Gln-(Arg)₃-NH₂;
 Nle-c(Cys-His-D-Phe-Arg-Trp-Gaba-Cys)-Doc-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
 Nle-c(Cys-His-D-Phe-Arg-Trp-Gaba-Cys)-Doc-(Arg)₅-Gln-(Arg)₄-NH₂;
 Nle-c(Cys-His-D-Phe-Arg-Trp-Gaba-Cys)-(Doc)₂-Tyr-Gly-(Arg)₅-Gln-(Arg)₄-NH₂;
 Nle-c(Cys-His-D-Phe-Arg-Trp-Gaba-Cys)-(Doc)₂-(Arg)₅-Gln-(Arg)₄-NH₂;
 Ac-c(Cys-Glu-His-D-4-Br-Phe-Arg-Trp-Gly-Cys)-(Pro)₂-Lys-Asp-NH₂;

Ac-c(Cys-Glu-His-D-2-Nal-Arg-Trp-Ala-Cys)-(Pro)₂-Lys-Asp-NH₂;
 Ac-c(Cys-Glu-His-D-2-Nal-Arg-2-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-NH₂;
 Ac-c(Cys-Glu-His-D-2-Nal-Arg-1-Nal-Ala-Cys)-(Pro)₂-Lys-Asp-NH₂;
 Ac-c(Cys-Glu-His-D-2-Nal-Arg-Bal-Ala-Cys)-(Pro)₂-Lys-Asp-NH₂;
 Ac-c(Cys-Glu-His-D-2-Nal-Arg-2-Nal-β-Ala-Cys)-(Pro)₂-Lys-Asp-NH₂;
 Ac-c(Cys-Glu-His-D-2-Nal-Arg-2-Nal-Aib-Cys)-(Pro)₂-Lys-Asp-NH₂;
 c[Гидантоин(C(O)-(Cys-D-Ala))-His-D-Phe-Arg-Trp-Cys]-NH₂;
 c[Гидантоин(C(O)-(hCys-D-Ala))-His-D-Phe-Arg-Trp-Cys]-NH₂;
 c[Гидантоин(C(O)-(Cys-D-Ala))-His-D-2-Nal-Arg-Trp-Cys]-NH₂;
 c[Гидантоин(C(O)-(hCys-D-Ala))-His-D-2-Nal-Arg-Trp-Cys]-NH₂;
 c[Гидантоин(C(O)-(Asp-D-Ala))-His-D-Phe-Arg-Trp-Lys]-NH₂;
 c[Гидантоин(C(O)-(Asp-D-Ala))-His-D-Phe-Arg-Trp-Orn]-NH₂;
 c[Гидантоин(C(O)-(Asp-D-Ala))-His-D-Phe-Arg-Trp-Dab]-NH₂;
 c[Гидантоин(C(O)-(Asp-D-Ala))-His-D-Phe-Arg-Trp-Dap]-NH₂;
 c[Гидантоин(C(O)-(Asp-His))-D-2-Nal-Arg-Trp-Lys]-NH₂;
 c[Гидантоин(C(O)-(Asp-His))-D-Phe-Arg-Trp-Lys]-NH₂;
 c[Гидантоин(C(O)-(Asp-A3c))-D-Phe-Arg-Trp-Lys]-NH₂;
 c[Гидантоин(C(O)-(Asp-A5c))-D-Phe-Arg-Trp-Lys]-NH₂;
 c[Гидантоин(C(O)-(Asp-A6c))-D-Phe-Arg-Trp-Lys]-NH₂;
 c[Гидантоин(C(O)-(Asp-A3c))-D-2-Nal-Arg-Trp-Lys]-NH₂;
 c[Гидантоин(C(O)-(Asp-A5c))-D-2-Nal-Arg-Trp-Lys]-NH₂;
 c[Гидантоин(C(O)-(Asp-A6c))-D-2-Nal-Arg-Trp-Lys]-NH₂;
 c[Гидантоин(C(O)-(Asp-A5c))-D-2-Nal-Arg-Trp-Lys]-NH₂;
 c[Гидантоин(C(O)-(Asp-Aic))-D-Phe-Arg-Trp-Lys]-NH₂;
 c[Гидантоин(C(O)-(Asp-Apc))-D-Phe-Arg-Trp-Lys]-NH₂;
 c[Гидантоин(C(O)-(Asp-Aic))-D-2-Nal-Arg-Trp-Lys]-NH₂;
 c[Гидантоин(C(O)-(Asp-Apc))-D-2-Nal-Arg-Trp-Lys]-NH₂;
 c[Гидантоин(C(O)-(Asp-Aic))-D-2-Nal-Arg-Trp-Lys]-NH₂;
 c[Гидантоин(C(O)-(Asp-Apc))-D-2-Nal-Arg-Trp-Lys]-NH₂;
 c[Гидантоин(C(O)-(Glu-D-Ala))-His-D-Phe-Arg-Trp-Orn]-NH₂;
 c[Гидантоин(C(O)-(Glu-D-Ala))-His-D-Phe-Arg-Trp-Dab]-NH₂;
 c[Гидантоин(C(O)-(Glu-D-Ala))-His-D-Phe-Arg-Trp-Dap]-NH₂;
 c[Гидантоин(C(O)-(Glu-His))-D-Phe-Arg-Trp-Dap]-NH₂;
 Гидантоин(C(O)-(Arg-Gly))-c(Cys-Glu-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Nle-Gly))-c(Cys-Glu-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Gly-Gly))-c(Cys-Glu-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Nle-Gly))-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Gly-Gly))-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Nle-Gly))-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Pen)-NH₂;
 Гидантоин(C(O)-(Gly-Gly))-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Pen)-NH₂;
 Гидантоин(C(O)-(Ala-Gly))-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;

Гидантоин(C(O)-(D-Ala-Gly))-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Aib-Gly))-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Val-Gly))-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Ile-Gly))-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Leu-Gly))-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Gly-Gly))-c(Cys-Glu-His-D-2-Nal-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Nle-Gly))-c(Cys-Glu-His-D-2-Nal-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(D-Arg-Gly))-c(Cys-Glu-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(D-Arg-Gly))-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Arg-Gly))-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(D-Arg-Gly))-c(Cys-D-Ala-His-D-2-Nal-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Arg-Gly))-c(Cys-D-Ala-His-D-2-Nal-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Ala-Nle))-c(Cys-Glu-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Val-Nle))-c(Cys-Glu-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Gly-Nle))-c(Cys-Glu-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(A6c-Nle))-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Gly-Nle))-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Ala-Nle))-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(D-Ala-Nle))-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Val-Nle))-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Leu-Nle))-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Cha-Nle))-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Aib-Nle))-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Gly-Arg))-c(Cys-Glu-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Gly-Arg))-c(Cys-Glu-His-D-2-Nal-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Gly-Arg))-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Gly-Arg))-c(Cys-D-Ala-His-D-2-Nal-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Gly-D-Arg))-c(Cys-Glu-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Gly-D-Arg))-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Gly-D-Arg))-c(Cys-D-Ala-His-D-2-Nal-Arg-Trp-Cys)-NH₂;
 Гидантоин(C(O)-(Nle-Ala))-c(Cys-Glu-His-D-Phe-Arg-Trp-Cys)-NH₂;
 c[Гидантоин(C(O)-(Ala-Cys))-D-Ala-His-D-Phe-Arg-Trp-Cys]-NH₂;
 c[Гидантоин(C(O)-(Nle-Cys))-D-Ala-His-D-Phe-Arg-Trp-Cys]-NH₂;
 c[Гидантоин(C(O)-(D-Ala-Cys))-D-Ala-His-D-Phe-Arg-Trp-Cys]-NH₂;
 c[Гидантоин(C(O)-(Aib-Cys))-D-Ala-His-D-Phe-Arg-Trp-Cys]-NH₂;
 c[Гидантоин(C(O)-(Val-Cys))-D-Ala-His-D-Phe-Arg-Trp-Cys]-NH₂;
 c[Гидантоин(C(O)-(Abu-Cys))-D-Ala-His-D-Phe-Arg-Trp-Cys]-NH₂;
 c[Гидантоин(C(O)-(Leu-Cys))-D-Ala-His-D-Phe-Arg-Trp-Cys]-NH₂;
 c[Гидантоин(C(O)-(Ile-Cys))-D-Ala-His-D-Phe-Arg-Trp-Cys]-NH₂;
 c[Гидантоин(C(O)-(Cha-Cys))-D-Ala-His-D-Phe-Arg-Trp-Cys]-NH₂;
 c[Гидантоин(C(O)-(A6c-Cys))-D-Ala-His-D-Phe-Arg-Trp-Cys]-NH₂;

c[Гидантоин(C(O)-(Phe-Cys))-D-Ala-His-D-Phe-Arg-Trp-Cys]-NH₂;
c[Гидантоин(C(O)-(Gly-Cys))-D-Ala-His-D-Phe-Arg-Trp-Cys]-NH₂;
c[Гидантоин(C(O)-(Gly-Cys))-Glu-His-D-Phe-Arg-Trp-Cys]-NH₂;
Ac-Tyr-Arg-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-2-Nal-Arg-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-1-Nal-Arg-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-Phe-Arg-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-Trp-Arg-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-Pff-Arg-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
H-His-Arg-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂;
Ac-His-Arg-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂; и
Ac-D-Arg-c(Cys-Glu-His-D-Phe-Arg-Trp-Cys)-NH₂

или их фармацевтически приемлемых солей.

7. Способ по п.6, где указанное соединение представляет собой Ac-Arg-c(Cys-D-Ala-His-D-Phe-Arg-Trp-Cys)-NH₂ или его фармацевтически приемлемую соль.

8. Способ по п.6, где указанное соединение представляет собой гидантоин(C(O)-(Arg-Gly))-c(Cys-Glu-His-D-Phe-Arg-Trp-Cys)-NH₂ или его фармацевтически приемлемую соль.

9. Способ по любому из пп. 1-8, где указанный субъект имеет ожирение, избыточную массу, нормальную массу или является худым.

10. Способ по п.9, где указанный субъект страдает диабетом II типа.

11. Способ по п.1, где указанное периферическое введение является пероральным, подкожным, внутривенным, внутримышечным, ректальным, трансдермальным или интраназальным.

12. Способ по п.11, где указанное введение осуществляется непрерывно, ежедневно, четыре раза в день, три раза в день, два раза в день, один раз в день, один раз через день, два раза в неделю, один раз в неделю, введением раз в две недели, раз в месяц или раз в два месяца.