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Declaration under Rule 4.17:
— *of inventorship (Rule 4.17(iv))*

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— *with international search report*

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4 December 2008

(54) Title: FLAVIVIRUS INHIBITION BY SULTAMS AND RELATED COMPOUNDS

(57) Abstract: Disclosed herein are compounds, compositions and methods for treating or ameliorating flavivirus infections. This is particularly important because the present disclosure provides methods for treating flavivirus infections for which there is no effective vaccine.

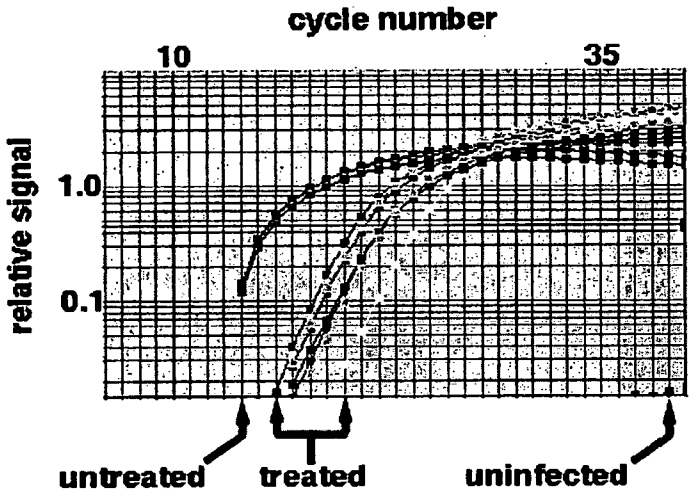

FIG. 1

WO 2007/109105 A3

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US07/06573

A. CLASSIFICATION OF SUBJECT MATTER
IPC: **A61K 31/41**(2006.01),**31/38**(2006.01),**31/385**(2006.01)

USPC: 514/359,360,361,438,439,440
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 514/359,360,361,438,439,440

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- A	US 6,258,831 B1 (CAMDEN) 10 JULY 2001 (10.07.2001), the abstract, columns 1-5, and teh claims.	1-3,5,6,8,9, 13,19, 21-24 --- 4,7,10-12,14-18,20
A	US 2006/0025416A1 (PHADKE et al) 2 FEBRUARY 2006 (02.02.2006), the abstract, pages 1-18, and the claims.	1-24
A	LINDEN et al. Ring opening cycloadditions, part 5, reaction of iminodithiazole with sulfrenes in 5-membered sultams, Tetrahedron Letters, 1977, Vol. 20, pages 1729-1732.	1-24

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"&" document member of the same patent family

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24 August 2008 (24.08.2008)

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12 SEP 2008

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Continuation of B. FIELDS SEARCHED Item 3:
CAS ONLINE, BIOSIS,MEDLINE, EMBASE, search terms: structural search, antivral, hepatitis C, Dengue virus, west nile, Japenese encephalitis,