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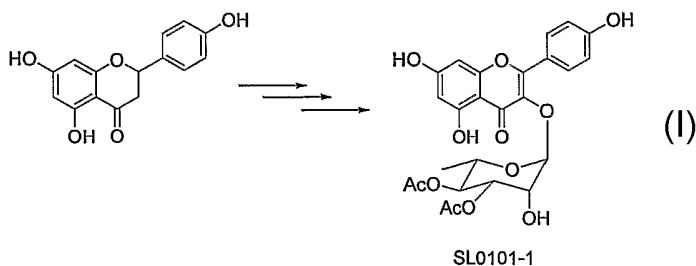
- with international search report
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SYNTHESIS OF INHIBITORS OF P90RSK



efficient for detailed biological evaluation.

(57) Abstract: The synthesis of the naturally occurring kaempferol glycoside SLO101-1, as well as analogs thereof, has been accomplished, as has its biochemical evaluation. SLO101-1 exhibits selective and potent p90 Rsk inhibitory activity at nanomolar concentrations without inhibiting the function of upstream kinases such as MEK, Raf, or PKC. The synthetic scheme of the invention verified the structural assignment of the natural product and has provided access to material suf-

INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: A01N 43/04(2006.01);A61K 31/70(2006.01);C07H 15/00(2006.01),17/00(2006.01)

USPC: 514/25,27;536/8

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. : 514/25, 27; 536/8

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)
PALM, EAST, STN - registry, caplus, casreact

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 03/105766 A2 (UNIVERSITY OF VIRGINIA PATENT FOUNDATION) 24 December 2003 (24.12.2003), whole document, especially abstract.	1-6
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X		7-15

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☐ See patent family annex.

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