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(71) Applicants (for all designated States except US): **UNIVERSITY OF SOUTH FLORIDA** [US/US]; Division of Patents and Licensing, 3802 Spectrum Boulevard, Suite 100, Tampa, Florida 33612 (US). **H. LEE MOFFITT CANCER CENTER AND RESEARCH INSTITUTE, INC.** [US/US]; 12902 Magnolia Drive, Tampa, Florida 33612 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **MANETSCH, Roman** [US/US]; Division of Patents and Licensing, 3802 Spectrum Boulevard, Suite 100, Tampa, Florida 33612 (US). **WANG, Hong-gang** [US/US]; Division of Patents and Licensing, 3802 Spectrum Boulevard, Suite 100, Tampa, Florida 33612 (US). **HU, Xiangdong** [US/US]; Division of Patents and Licensing, 3802 Spectrum Boule-

vard, Suite 100, Tampa, Florida 33612 (US). **KULKARNI, Sameer** [US/US]; Division of Patents and Licensing, 3802 Spectrum Boulevard, Suite 100, Tampa, Florida 33612 (US). **SUN, Jiazhi G.** [US/US]; Division of Patents and Licensing, 3802 Spectrum Boulevard, Suite 100, Tampa, Florida 33612 (US).

(74) Agents: **SOEY, Benjamin J.** et al.; Bryan Cave LLP, 211 N. Broadway, Suite 3600, St. Louis, Missouri 63102 (US).

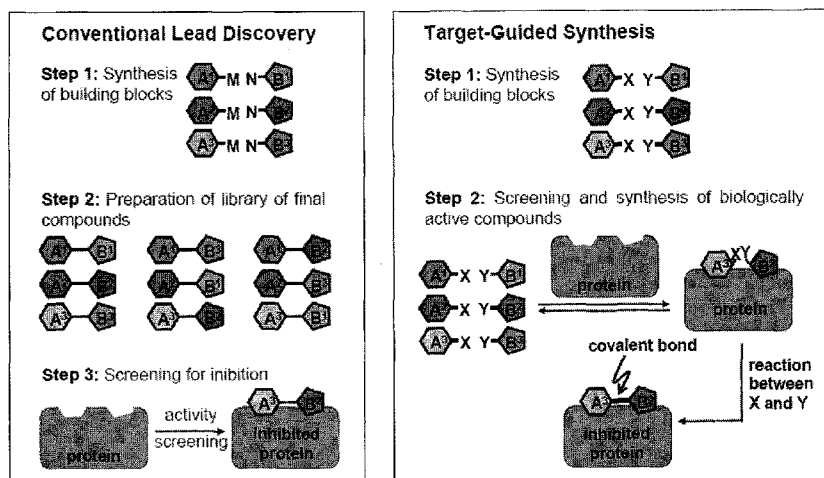
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[Continued on next page]

(54) Title: TRIAZOLES AND PROCESSES FOR PRODUCING THE SAME

FIG. 2



(57) Abstract: The present disclosure relates to triazoles and processes for their preparation. The processes involve a target-guided synthesis approach, whereby an alkyne and an azide are reacted in the presence of a biological target protein, a Bcl-2 family protein, to form the triazole.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2009/034845**A. CLASSIFICATION OF SUBJECT MATTER***C07D 249/06(2006.01)i, C07D 249/04(2006.01)i, C07D 249/02(2006.01)i*

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)

IPC 8: C07D 249/06, C07D 249/04, C07D 249/02

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

N/A

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

PubMed, KOMPASS(KIPO net): 'triazoles, BCL-2, azide, alkyne, target-guided synthesis, pocket'

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/0199489 A1(Wang, S.) 23 October 2003 See abstract and claims	1-7,18,22
A	US 2006/0269942 A1(Kolb, H.C.) 30 November 2006 See abstract, fig.1-5E and claims	1-7,18,22
A	Dedola, S., et al. 'Recent applications of the Cu(I)-catalysed Huisgen azide-alkyne 1,3-dipolar cycloaddition reaction in carbohydrate chemistry' Org Biomol Chem., Vol. 5(7), pp 1006-1017(2007) See abstract and fig.1	1-7,18,22
A	Goncalves, V., et al. 'On-resin cyclization of peptide ligands of the Vascular Endothelial Growth Factor Receptor 1 by copper(I)-catalyzed 1,3-dipolar azide-alkyne cycloaddition' Bioorg Med Chem Lett., Vol. 17, pp 5590-5594(2007) See abstract and scheme 1	1-7,18,22
A	Manetsch, R., et al. 'In Situ Click Chemistry: enzyme inhibitors made to their own specifications' JACS, Vol. 126(40), pp 12809-12818(2004) See abstract and scheme 2	1-7,18,22

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

* Special categories of cited documents:

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"&" document member of the same patent family

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003-0199489 A1	23.10.2003	US 2008-0058322 A1 US 07354928 B2	06.03.2008 08.04.2008
US 2006-269942 A1	30.11.2006	None	