

Title (en)
MODULATION OF ASYMMETRIC PROLIFERATION

Title (de)
MODULATION VON ASYMMETRISCHER PROLIFERATION

Title (fr)
MODULATION DE LA PROLIFÉRATION ASYMÉTRIQUE

Publication
EP 2956132 A4 20170301 (EN)

Application
EP 13839774 A 20130920

Priority
• US 201261704033 P 20120921
• US 2013060842 W 20130920

Abstract (en)
[origin: WO2014047398A1] Provided herein are methods and compositions related to modulation of the rate of asymmetric proliferation of cancer cells. In some embodiments, the methods described herein relate to the treatment of cancer, at least in part, via the modulation of the rate of asymmetric proliferation of cancer cells.

IPC 8 full level
A61K 31/352 (2006.01); **A61K 31/437** (2006.01); **A61K 31/495** (2006.01); **A61K 31/5025** (2006.01); **A61P 35/00** (2006.01)

CPC (source: EP GB)
A61K 31/352 (2013.01 - GB); **A61K 31/437** (2013.01 - GB); **A61K 31/495** (2013.01 - GB); **A61K 31/5025** (2013.01 - GB);
A61K 31/69 (2013.01 - EP); **A61P 35/00** (2017.12 - EP)

Citation (search report)
• [XP] WO 2012177925 A1 20121227 - BOARD INST INC [US], et al
• [X] US 2010015140 A1 20100121 - DANTER WAYNE R [CA]
• [X] H. HIRAI ET AL: "MK-2206, an Allosteric Akt Inhibitor, Enhances Antitumor Efficacy by Standard Chemotherapeutic Agents or Molecular Targeted Drugs In vitro and In vivo", MOLECULAR CANCER THERAPEUTICS, vol. 9, no. 7, 1 July 2010 (2010-07-01), pages 1956 - 1967, XP055074270, ISSN: 1535-7163, DOI: 10.1158/1535-7163.MCT-09-1012
• [X] QINGSONG LIU ET AL: "Discovery of 1-(4-(4-Propionylpiperazin-1-yl)-3-(trifluoromethyl)phenyl)-9-(quinolin-3-yl)benzo[h][1,6]naphthyridin-2(1H)-one as a Highly Potent, Selective Mammalian Target of Rapamycin (mTOR) Inhibitor for the Treatment of Cancer", JOURNAL OF MEDICINAL CHEMISTRY, vol. 53, no. 19, 14 October 2010 (2010-10-14), pages 7146 - 7155, XP055099992, ISSN: 0022-2623, DOI: 10.1021/jm101144f
• [X] SINI PATRIZIA ET AL: "Simultaneous inhibition of mTORC1 and mTORC2 by mTOR kinase inhibitor AZD8055 induces autophagy and cell death in cancer cells.", AUTOPHAGY MAY 2010, vol. 6, no. 4, May 2010 (2010-05-01), pages 553 - 554, XP002762085, ISSN: 1554-8635
• See references of WO 2014047398A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014047398 A1 20140327; EP 2956132 A1 20151223; EP 2956132 A4 20170301; GB 201518978 D0 20151209; GB 2528604 A 20160127

DOCDB simple family (application)
US 2013060842 W 20130920; EP 13839774 A 20130920; GB 201518978 A 20130920