

Title (en)
TARGETING OF EWS-FLI1 AS ANTI-TUMOR THERAPY

Title (de)
TARGETING VON EWS-FLI1 ALS ANTITUMORTHERRAPIE

Title (fr)
THÉRAPIE ANTITUMORALE PAR CIBLAGE DE EWS-FLI1

Publication
EP 2124910 A4 20120215 (EN)

Application
EP 07872364 A 20071228

Priority
• US 2007089118 W 20071228
• US 87785606 P 20061229

Abstract (en)
[origin: WO2008083326A2] Peptides and compounds are provided that function as EWS-FLI1 protein inhibitors. The peptides and compounds have utility in the treatment of Ewing's sarcoma family of tumors. Also provided are methods of preparing the compounds and assays for identifying inhibitors of EWS-FLI1 protein.

IPC 8 full level
A61K 31/04 (2006.01); **A61K 38/10** (2006.01); **C07D 209/38** (2006.01); **C07K 7/04** (2006.01)

CPC (source: EP)
A61P 35/00 (2017.12); **C07D 209/38** (2013.01); **C07K 7/06** (2013.01); **C07K 7/08** (2013.01)

Citation (search report)
• [A] US 2005288244 A1 20051229 - MANOHARAN MUTHIAH [US], et al
• [A] WO 2006117414 A1 20061109 - PROYECTO BIOMEDICINA CIMA SL [ES], et al
• [A] UREN A ET AL: "Recombinant EWS-FLI1 oncoprotein activates transcription", BIOCHEMISTRY 20041026 AMERICAN CHEMICAL SOCIETY US, vol. 43, no. 42, 26 October 2004 (2004-10-26), pages 13579 - 13589, XP002665929
• [I] TORETSKY JEFFREY A ET AL: "Oncoprotein EWS-FLI1 activity is enhanced by RNA helicase A", CANCER RESEARCH, vol. 66, no. 11, June 2006 (2006-06-01), pages 5574 - 5581, XP002665930, ISSN: 0008-5472
• [A] MATEO-LOZANO SILVIA ET AL: "Rapamycin induces the fusion-type independent downregulation of the EWS/FLI-1 proteins and inhibits Ewing's sarcoma cell proliferation.", ONCOGENE, vol. 22, no. 58, 18 December 2003 (2003-12-18), pages 9282 - 9287, XP002665931, ISSN: 0950-9232
• See references of WO 2008083326A2

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2008083326 A2 20080710; WO 2008083326 A3 20081113; AU 2007341977 A1 20080710; AU 2007341977 B2 20130523;
CA 2711003 A1 20080710; CA 2711003 C 20170221; CA 2953987 A1 20080710; EP 2124910 A2 20091202; EP 2124910 A4 20120215;
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DOCDB simple family (application)
US 2007089118 W 20071228; AU 2007341977 A 20071228; CA 2711003 A 20071228; CA 2953987 A 20071228; EP 07872364 A 20071228;
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