(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
12 September 2013 (12.09.2013)

WIPO | PCT

(10) International Publication Number
WO 2013/134353 A1

(51) International Patent Classification:
C07D 403/04 (2006.01) *A61P 9/00* (2006.01)
A61K 31/506 (2006.01)

(21) International Application Number:
PCT/US2013/029304

(22) International Filing Date:
6 March 2013 (06.03.2013)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/607,305 6 March 2012 (06.03.2012) US

(71) Applicants: **CEPHALON, INC.** [US/US]; 41 Moores Road, P.O. Box 4011, Frazer, Pennsylvania 19355 (US). **COURVOISIER, Veronique** (legal representative of the deceased inventor) [FR/US]; 212 Turnberry Drive, Thorndale, Pennsylvania 19372 (US).

(72) Inventor: **COURVOISIER, Laurent** *(deceased)*.

(72) Inventors: **JACOBS, Martin J.**; 146 Sugartree Lane, Versailles, Kentucky 40383 (US). **OTT, Gregory R.**; 117 Wilton Woods Lane, Media, Pennsylvania 19063 (US).

(74) Agents: **NARDONE, Rona A.** et al.; Cephalon, Inc., 41 Moores Road, Frazer, PA 19355 (US).

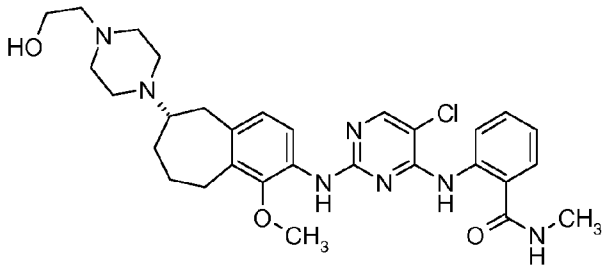
(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report (Art. 21(3))*

(54) Title: FUSED BICYCLIC 2,4-DIAMINOPYRIMIDINE DERIVATIVE AS A DUAL ALK AND FAK INHIBITOR



(I)

(57) Abstract: The present invention provides a compound of formula (I) or a salt form thereof. The compound of formula (I) has ALK and FAK inhibitory activity, and may be used to treat proliferative disorders.

WO 2013/134353 A1