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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
24 March 2011 (24.03.2011)

PCT

(10) International Publication Number
WO 2011/034210 A1

(51) International Patent Classification:
A61K 31/5575 (2006.01) *A61K 45/00* (2006.01)
A61K 31/513 (2006.01) *A61P 35/00* (2006.01)

(21) International Application Number:
PCT/JP2010/066619

(22) International Filing Date:
16 September 2010 (16.09.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/243,019 16 September 2009 (16.09.2009) US

(71) Applicant *(for all designated States except US)*: **SUCAMPO AG** [CH/CH]; Graben 5, Zug, CH6300 (CH).

(72) Inventor; and

(75) Inventor/Applicant *(for US only)*: **UENO, Ryuji** [JP/US]; 11025 Stanmore Drive, Potomac, Montgomery, Maryland, 20854 (US).

(74) Agents: **TANAKA, Mitsuo** et al.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka, 5400001 (JP).

(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, 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, PE, PG, PH, PL, PT, RO, RS, RU, 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.

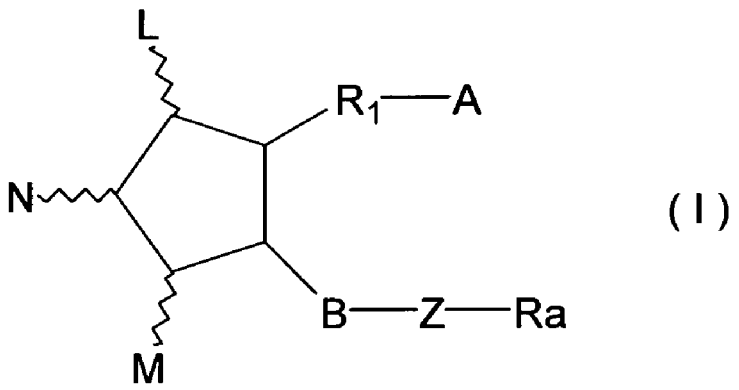
(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, 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))*

WO 2011/034210 A1

(54) Title: PHARMACEUTICAL COMBINATION FOR TREATING TUMOR



(I)

(57) Abstract: Disclosed is a pharmaceutical combination comprising (a) an anti-tumor agent and (b) a fatty acid derivative represented by the formula (I):. The combination of the present invention is useful for the treatment of tumor in a mammalian subject. The instant application also provides a composition and a method for treating damages, especially gastrointestinal damages including mucositis induced by an anti-tumor agent comprising a fatty acid derivative of formula (I).