



(51) International Patent Classification:

C07D 205/06 (2006.01) *A61P 1/04* (2006.01)
C07D 295/12 (2006.01) *A61K 31/155* (2006.01)
A61P 1/00 (2006.01) *A61K 31/445* (2006.01)
A61P 1/02 (2006.01)

(21) International Application Number:

PCT/IB2013/054098

(22) International Filing Date:

19 May 2013 (19.05.2013)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2057/CHE/2102 23 May 2012 (23.05.2012) IN

(72) Inventor; and

(71) Applicant : **KANDULA, Mahesh** [IN/IN]; Door No. 11-61, Samalkot Mandal, East Godavari Dist, G.Medapadu 533 434, Andhra Pradesh (IN).

(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))

(88) Date of publication of the international search report:

30 January 2014

(54) Title: COMPOSITIONS AND METHODS FOR TREATMENT OF MUCOSITIS

(57) Abstract: The invention relates to the compounds of formula (I) or its pharmaceutical acceptable salts, as well as polymorphs, solvates, enantiomers, stereoisomers and hydrates thereof. The pharmaceutical compositions comprising an effective amount of compounds of formula (I), and methods for the treatment of mucositis may be formulated for oral, buccal, rectal, topical, transdermal, transmucosal, intravenous, parenteral administration, syrup, or injection. Such compositions may be used to treatment of mucus diseases related to painful inflammation and ulceration of the digestive tract lining and in the mouth.

