



## (51) International Patent Classification:

*C07D 249/10* (2006.01) *A61K 31/44* (2006.01)  
*C07D 261/18* (2006.01) *A61P 31/16* (2006.01)

## (21) International Application Number:

PCT/EP2013/060266

## (22) International Filing Date:

17 May 2013 (17.05.2013)

## (25) Filing Language:

English

## (26) Publication Language:

English

## (30) Priority Data:

|            |                           |    |
|------------|---------------------------|----|
| 61/648,700 | 18 May 2012 (18.05.2012)  | US |
| 61/659,516 | 14 June 2012 (14.06.2012) | US |
| 61/666,286 | 29 June 2012 (29.06.2012) | US |
| 61/774,991 | 8 March 2013 (08.03.2013) | US |

(71) Applicant: **VIRONOVA AB** [SE/SE]; Gävlegatan 22, S-11330 Stockholm (SE).

(72) Inventors: **HOMMAN, Mohammed**; Serenadvägen 1 A 8tr, S-13153 Nacka (SE). **KINGI, Ngarita**; Gårdstigen 16, S-12552 Älvsjö (SE). **BERGMAN, Jan**; Lekgränd 5, S-163 46 Spånga (SE). **ENGQVIST, Robert**; Engelbergsvägen 69, S-144 62 Rönninge (SE).

(74) Agent: **BRANN AB**; P.O. Box 12246, S-10226 Stockholm (SE).

(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).

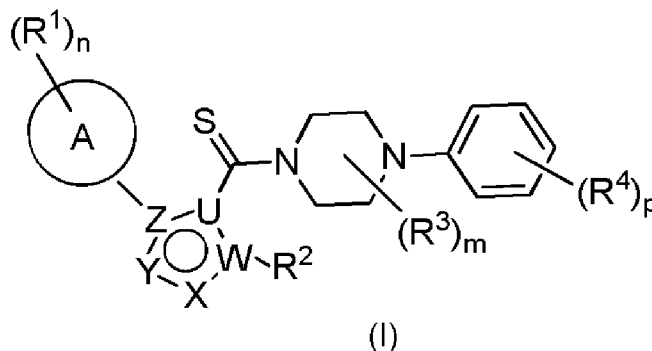
## Declarations under Rule 4.17:

— of inventorship (Rule 4.17(iv))

## Published:

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

(54) Title: METHANETHIONE COMPOUNDS HAVING ANTIVIRAL ACTIVITY



(57) Abstract: A compound of formula (I). The compound is useful as an antiviral agent, in particular for the treatment of influenza. A method for preparing the compound of formula (I) and a composition comprising the compound of formula (I).