

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

(19) World Intellectual Property
Organization
International Bureau



(10) International Publication Number
WO 2017/100726 A1

(43) International Publication Date
15 June 2017 (15.06.2017)

(51) International Patent Classification:
A61K 31/506 (2006.01) *A61P 25/00* (2006.01)
C07D 405/12 (2006.01)

(21) International Application Number:
PCT/US2016/066042

(22) International Filing Date:
11 December 2016 (11.12.2016)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
62/265,652 10 December 2015 (10.12.2015) US

(71) Applicant: PTC THERAPEUTICS, INC. [US/US]; 100
Corporate Court, South Plainfield, NJ 07080 (US).

(72) Inventors: BABU, Suresh; 225 Concord Place, Penning-
ton, NJ 08534 (US). BHATTACHARYYA, Anuradha;
115 Inverness Drive, Edison, NJ 08820 (US). HWANG,
Seongwoo; 227 Suttons Lane, Edison, NJ 08817 (US).
JANI, Minakshi; 29 Kiva Street, Iselin, NJ 08830 (US).
MOON, Young-choon; 11 Edgewood Drive, Belle Mead,
NJ 08502 (US). SYDORENKO, Nadiya; 37 Sycamore
Place, Princeton, NJ 08540 (US).

(74) Agents: SCOLA, Daniel, A., Jr. et al.; Hoffmann & Bar-
on, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (US).

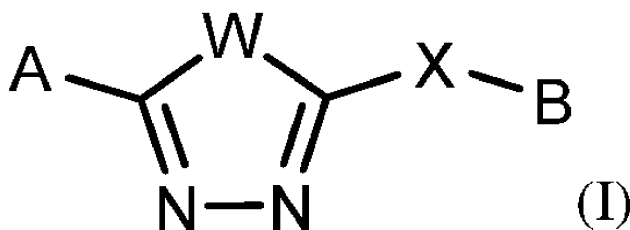
(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY,
BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KH, KN,
KP, KR, KW, KZ, LA, LC, LK, LR, LS, 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, SA, 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, ST, 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, KM, ML, MR, NE, SN, TD, TG).

Published:

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

(54) Title: METHODS FOR TREATING HUNTINGTON'S DISEASE



(57) Abstract: The present description relates to compounds, forms, and pharmaceutical compositions thereof and methods of using such compounds, forms, or compositions thereof for treating or ameliorating Huntington's disease. In particular, the present description relates to substituted monocyclic heteroaryl compounds of Formula (I), forms and pharmaceutical compositions thereof and methods of using such compounds, forms, or compositions thereof for treating or ameliorating Huntington's disease.

WO 2017/100726 A1