

(19) World Intellectual Property  
Organization  
International Bureau

(43) International Publication Date  
22 May 2025 (22.05.2025)



(10) International Publication Number  
**WO 2025/104490 A9**

(51) International Patent Classification:

C07D 209/16 (2006.01) C07D 401/12 (2006.01)  
A61K 31/55 (2006.01) C07D 403/06 (2006.01)  
A61K 31/454 (2006.01) C07D 403/14 (2006.01)  
A61K 31/4045 (2006.01) C07D 405/04 (2006.01)  
A61K 31/4439 (2006.01) C07D 405/12 (2006.01)  
A61P 25/00 (2006.01) C07D 405/14 (2006.01)  
C07D 401/04 (2006.01) C07D 409/04 (2006.01)  
C07D 401/06 (2006.01) C07D 409/14 (2006.01)

CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM,  
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,  
HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG,  
KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY,  
MA, MD, MG, MK, MN, MU, 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, ST, SV, SY, TH,  
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS,  
ZA, ZM, ZW.

(21) International Application Number:

PCT/IB2024/000642

(22) International Filing Date:

12 November 2024 (12.11.2024)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/598,671 14 November 2023 (14.11.2023) US  
63/598,711 14 November 2023 (14.11.2023) US

(71) Applicant: **MINDSET PHARMA INC.** [CA/CA]: 2250  
Alfred-nobel Boulevard, Bureau 301, St-laurent, QC H4S  
2C9 (CA).

(72) Inventor: **SLASSI, Abdelmalik**; 4780 Fulwell Road, Mis-  
sissauga, ON L5 M 7J7 (CA).

(74) Agent: **SMART & BIGGAR LP**; 40 King Street West,  
40th Floor, Toronto, Ontario M5H 3Y2 (CA).

(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,

(84) Designated States (*unless otherwise indicated, for every  
kind of regional protection available*): ARIPO (BW, CV,  
GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, 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, ME, 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))
- with information concerning authorization of rectification  
of an obvious mistake under Rule 91.3 (b) (Rule 48.2(i))

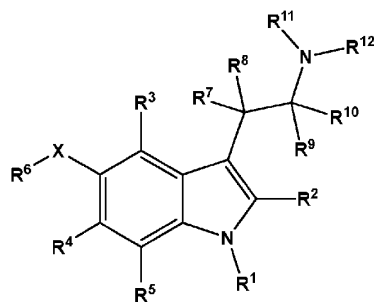
(48) Date of publication of this corrected version:

02 January 2026 (02.01.2026)

(15) Information about Correction:

see Notice of 02 January 2026 (02.01.2026)

(54) Title: INDOLE DERIVATIVES AS SEROTONERGIC AGENTS USEFUL FOR THE TREATMENT OF DISORDERS RE-  
LATED THERETO



(I)

(57) Abstract: The present disclosure relates to indole derivatives of general Formula (I), to processes for their preparation, to compositions including them and to their use in activation of a serotonin receptors in a cell, as well as to treating diseases, disorders, or conditions by activation of a serotonin receptors in a cell. The diseases, disorders, or conditions include, for example, psychosis, mental illnesses, and central nervous system (CNS) disorders. Formula (I)