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10202110405X 21 September 2021 (21.09.2021) SG</p> <p>(71) Applicant: NANYANG TECHNOLOGICAL UNIVERSITY [SG/SG]; 50 Nanyang Avenue, Singapore 639798 (SG).</p> <p>(72) Inventors: GRÜBER, Gerhard; c/o Nanyang Technological University, 50 Nanyang Avenue, Singapore 639798 (SG). SHIN, Joon; c/o Nanyang Technological University, 50 Nanyang Avenue, Singapore 639798 (SG). AMAR-AYADHI, Venkata Krishna Harikishore; c/o Nanyang Technological University, 50 Nanyang Avenue, Singapore 639798 (SG). WONG, Chui Fann; c/o Nanyang Technological University, 50 Nanyang Avenue, Singapore 639798 (SG). RAGUNATHAN, Priya; c/o Nanyang Technological University, 50 Nanyang Avenue, Singapore 639798 (SG).</p> | <p>ical University, 50 Nanyang Avenue, Singapore 639798 (SG).</p> <p>(74) Agent: KINNAIRD, James Welsh; Marks & Clerk Singapore LLP, Tanjong Pagar Post Office, P.O. Box 636, Singapore 910816 (SG).</p> <p>(81) Designated States (<i>unless otherwise indicated, for every kind of national protection available</i>): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, 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, 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, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.</p> <p>(84) Designated States (<i>unless otherwise indicated, for every kind of regional protection available</i>): 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,</p> |
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- (54) Title: MYCOBACTERIUM ABSCESSUS GROWTH INHIBITOR AND MODEL

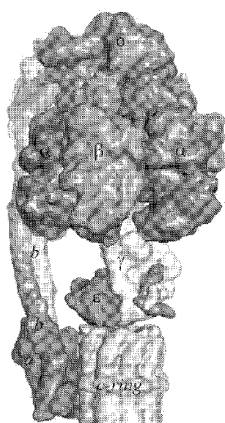


FIG. 1A

[illegible]

FIG. 1B

- (57) Abstract:** This invention relates to compounds having the generic structure of formula I: X-L-Y-Z I which are useful in the treatment of a bacterial infection caused by *Mycobacterium abscessus*, where: X is selected from an unsubstituted or substituted phenyl, pyridyl, quinazolinyl, or naphthyl; Y is an unsubstituted or substituted heteroaryl ring system selected from benzimidazolyl, benzothiazolyl, benzofuranyl, quinazolinyl, and naphthyl; Z is selected from H, phenyl and pyridyl, where the phenyl and pyridyl groups are unsubstituted or substituted; L is selected from $-CH_2NHCOCH_2CH_2-$ or $-CH_2$ -phenyl- CH_2 , $-CH_2-$, $-NH$ -pyrrolyl, imidazolyl, and thiazolyl or a pharmaceutically acceptable salt or solvate thereof.

TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
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