

Targeting Mycolic Acid Transport by Indole-2-carboxan  
<i>Mycobacterium abscessus</i> Infections

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Controlling Extra- and Intramacrophagic Mycobacterium abscessus by Targeting Mycolic Acid Transport. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 388.	1.8	18
3	NTM drug discovery: status, gaps and the way forward. <i>Drug Discovery Today</i> , 2018, 23, 1502-1519.	3.2	186
4	The Role of Antibiotic-Target-Modifying and Antibiotic-Modifying Enzymes in Mycobacterium abscessus Drug Resistance. <i>Frontiers in Microbiology</i> , 2018, 9, 2179.	1.5	155
5	MmpL8 <sub>MAB</sub> controls <i>Mycobacterium abscessus</i> virulence and production of a previously unknown glycolipid family. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10147-E10156.	3.3	42
6	MmpL3 as a Target for the Treatment of Drug-Resistant Nontuberculous Mycobacterial Infections. <i>Frontiers in Microbiology</i> , 2018, 9, 1547.	1.5	40
7	A Simple and Rapid Gene Disruption Strategy in Mycobacterium abscessus: On the Design and Application of Glycopeptidolipid Mutants. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 69.	1.8	29
8	Screening of Preselected Libraries Targeting Mycobacterium abscessus for Drug Discovery. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	25
9	Synthesis of New Indole and Adamantane Amido Derivatives with Pharmacological Interest. <i>ChemistrySelect</i> , 2019, 4, 8727-8730.	0.7	4
10	A piperidinol-containing molecule is active against Mycobacterium tuberculosis by inhibiting the mycolic acid flippase activity of MmpL3. <i>Journal of Biological Chemistry</i> , 2019, 294, 17512-17523.	1.6	32
11	Crystal Structures of Membrane Transporter MmpL3, an Anti-TB Drug Target. <i>Cell</i> , 2019, 176, 636-648.e13.	13.5	172
12	Cell Walls and Membranes of Actinobacteria. <i>Sub-Cellular Biochemistry</i> , 2019, 92, 417-469.	1.0	39
13	Direct Inhibition of MmpL3 by Novel Antitubercular Compounds. <i>ACS Infectious Diseases</i> , 2019, 5, 1001-1012.	1.8	74
14	Future Nontuberculous Mycobacteria DST and Therapeutic Interventions. , 2019, , 85-100.		0
15	Mycobacterium abscessus, an Emerging and Worrisome Pathogen among Cystic Fibrosis Patients. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5868.	1.8	84
16	Indole-2-Carboxamides Are Active against <i>Mycobacterium abscessus</i> in a Mouse Model of Acute Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	28
17	Altered drug efflux under iron deprivation unveils abrogated MmpL3 driven mycolic acid transport and fluidity in mycobacteria. <i>BioMetals</i> , 2019, 32, 49-63.	1.8	15
18	Unpacking the Pathogen Box€”An Open Source Tool for Fighting Neglected Tropical Disease. <i>ChemMedChem</i> , 2019, 14, 386-453.	1.6	46
19	Active Benzimidazole Derivatives Targeting the MmpL3 Transporter in <i>Mycobacterium abscessus</i>. <i>ACS Infectious Diseases</i> , 2020, 6, 324-337.	1.8	44

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20	MmpL3 Inhibition: A New Approach to Treat Nontuberculous Mycobacterial Infections. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6202.	1.8	21
21	Alternative and Experimental Therapies of Mycobacterium abscessus Infections. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6793.	1.8	23
23	Synergistic Interactions of Indole-2-Carboxamides and $\beta$ -Lactam Antibiotics against Mycobacterium abscessus. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	12
24	Drug discovery targeting drug-resistant nontuberculous mycobacteria. , 2020, , 361-376.		2
25	Structural Basis for the Inhibition of Mycobacterial MmpL3 by NITD-349 and SPIRO. <i>Journal of Molecular Biology</i> , 2020, 432, 4426-4434.	2.0	27
26	Design, synthesis, and biological evaluation of novel imidazo[1,2-a]pyridinecarboxamides as potent anti-tuberculosis agents. <i>Chemical Biology and Drug Design</i> , 2020, 96, 1362-1371.	1.5	11
27	Assembling Pharma Resources to Tackle Diseases of Underserved Populations. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 1094-1100.	1.3	2
28	Non-tuberculous mycobacteria and the rise of Mycobacterium abscessus. <i>Nature Reviews Microbiology</i> , 2020, 18, 392-407.	13.6	407
29	Looking beyond Typical Treatments for Atypical Mycobacteria. <i>Antibiotics</i> , 2020, 9, 18.	1.5	34
30	Design, synthesis and antimycobacterial evaluation of novel adamantane and adamantanol analogues effective against drug-resistant tuberculosis. <i>Bioorganic Chemistry</i> , 2021, 106, 104486.	2.0	12
31	Two-Way Regulation of MmpL3 Expression Identifies and Validates Inhibitors of MmpL3 Function in <i>Mycobacterium tuberculosis</i> . <i>ACS Infectious Diseases</i> , 2021, 7, 141-152.	1.8	13
32	Design, synthesis and evaluation of novel indole-2-carboxamides for growth inhibition of <i>Mycobacterium tuberculosis</i> and paediatric brain tumour cells. <i>RSC Advances</i> , 2021, 11, 15497-15511.	1.7	11
33	Pipeline of anti- <i>Mycobacterium abscessus</i> small molecules: Repurposable drugs and promising novel chemical entities. <i>Medicinal Research Reviews</i> , 2021, 41, 2350-2387.	5.0	32
35	Genome-Wide Essentiality Analysis of <i>Mycobacterium abscessus</i> by Saturated Transposon Mutagenesis and Deep Sequencing. <i>MBio</i> , 2021, 12, e0104921.	1.8	37
36	Cryo-EM structure and resistance landscape of <i>M. tuberculosis</i> MmpL3: An emergent therapeutic target. <i>Structure</i> , 2021, 29, 1182-1191.e4.	1.6	25
37	Mycobacterial Membrane Protein Large 3 (MmpL3) Inhibitors: A Promising Approach to Combat Tuberculosis. <i>ChemMedChem</i> , 2021, 16, 3136-3148.	1.6	24
38	A review of current and promising nontuberculous mycobacteria antibiotics. <i>Future Medicinal Chemistry</i> , 2021, 13, 1367-1395.	1.1	9
39	Current Molecular Therapeutic Agents and Drug Candidates for Mycobacterium abscessus. <i>Frontiers in Pharmacology</i> , 2021, 12, 724725.	1.6	15

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40	The Antimalarial Mefloquine Shows Activity against <i>Mycobacterium abscessus</i> , Inhibiting Mycolic Acid Metabolism. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8533.	1.8	4
41	Recent advancements and developments in search of anti-tuberculosis agents: A quinquennial update and future directions. <i>Journal of Molecular Structure</i> , 2022, 1248, 131473.	1.8	25
42	Efficacy of epetraborole against <i>Mycobacterium abscessus</i> is increased with norvaline. <i>PLoS Pathogens</i> , 2021, 17, e1009965.	2.1	19
43	Investigation of Reaction of Some Ester Ethoxycarbonyl Hydrazones with 1-Adamantyl Amine. <i>Haceteppe Journal of Biology and Chemistry</i> , 2019, 47, 203-208.	0.3	0
44	Synthetic account of indoles in search of potential anti-mycobacterial agents: A review and future insights. <i>Journal of Molecular Structure</i> , 2022, 1248, 131522.	1.8	24
45	<i>Mycobacterium abscessus</i> drug discovery using machine learning. <i>Tuberculosis</i> , 2022, 132, 102168.	0.8	5
47	Indole-2-carboxamides as New Anti-Mycobacterial Agents: Design, Synthesis, Biological Evaluation and Molecular Modeling against mmpL3. <i>ChemistrySelect</i> , 2022, 7, .	0.7	7
48	Proton transfer activity of the reconstituted <i>Mycobacterium tuberculosis</i> MmpL3 is modulated by substrate mimics and inhibitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	8
49	Structure-based design of anti-mycobacterial drug leads that target the mycolic acid transporter MmpL3. <i>Structure</i> , 2022, , .	1.6	2
50	Efficacy and Mode of Action of a Direct Inhibitor of <i>Mycobacterium abscessus</i> InhA. <i>ACS Infectious Diseases</i> , 2022, 8, 2171-2186.	1.8	7
51	Clofazimine as a comparator for preclinical efficacy evaluations of experimental therapeutics against pulmonary <i>M. abscessus</i> infection in mice. <i>Tuberculosis</i> , 2022, , 102268.	0.8	2
52	Why Matter Matters: Fast-Tracking <i>Mycobacterium abscessus</i> Drug Discovery. <i>Molecules</i> , 2022, 27, 6948.	1.7	7
53	Structural Determinants of Indole-2-carboxamides: Identification of Lead Acetamides with Pan Antimycobacterial Activity. <i>Journal of Medicinal Chemistry</i> , 2023, 66, 170-187.	2.9	4
54	Molecular Mechanisms of MmpL3 Function and Inhibition. <i>Microbial Drug Resistance</i> , 2023, 29, 190-212.	0.9	3
55	Drug Discovery for Non-tuberculous Mycobacteria: Recent Updates. <i>Integrated Science</i> , 2023, , 571-600.	0.1	1