Product Name	:	Mtb-IN-2
Synonyms	:	——
Cat No.	:	M37211
CAS Number	:	2861190-30-7
Molecular Formula	:	C17H12N2O4
Formula Weight	:	308.29
Chemical Name	:	——
Description	:	Mtb-IN-2 (compound 10c) is an antimicrobial agent against Mycobacterium tuberculosis (Mtb), without cytotoxicity. Mtb-IN-2 significantly decreases colony-forming units (CFU) in spleen of murinetuberculosis models, and distinguishes both drug-sensitive and drug-resistant Mtb H37Rv strains. Mtb-IN-2 affects methionine metabolism but not folate pathway directly.
Pathway	:	Microbiology/Virology
Target	:	Antibiotic
Receptor	:	Antibiotic
Solubility	:	——
SMILES	:	O=C(O)C1=CC=C(C=C1O)NC(=O)C=2N=C3C=CC=CC3=CC2
Storage	:	(-20℃)
Stability	:	≥ 2 years
Reference	:	

1. Nawrot DE, et al. Antimycobacterial pyridine carboxamides: From design to in vivo activity. Eur J Med Chem. 2023 Oct 5;258:115617.?

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