

TBI-223

Chemical Properties

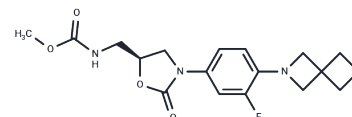
CAS No. : 2071265-08-0

Formula: C₁₇H₂₀FN₃O₅

Molecular Weight: 365.361

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	TBI-223 is an orally bioavailable oxazolidinone antibiotic with antimicrobial properties. It exhibits potent activity against Mycobacterium tuberculosis (Mtb)[1][2].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.737 mL	13.6851 mL	27.3703 mL
5 mM	0.5474 mL	2.737 mL	5.4741 mL
10 mM	0.2737 mL	1.3685 mL	2.737 mL
50 mM	0.0547 mL	0.2737 mL	0.5474 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Chauhan A, et al. Comprehensive review on mechanism of action, resistance and evolution of antimycobacterial drugs. Life Sci. 2021;274:119301.

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