

## Antitubercular agent-26

## Chemical Properties

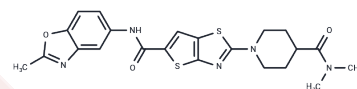
CAS No. : 1845720-46-8

Formula: C<sub>22</sub>H<sub>23</sub>N<sub>5</sub>O<sub>3</sub>S<sub>2</sub>

Molecular Weight: 469.58

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

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Antitubercular agent-26 (Compound 32) is an orally active agent targeting M. tuberculosis H37Rv cells with an IC <sub>50</sub> of 0.50 μM extracellularly and 0.51 μM intracellularly. It exhibits good metabolic stability, a low risk of cardiotoxicity, and no genotoxicity.
Targets(IC <sub>50</sub> )	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1296 mL	10.6478 mL	21.2956 mL
5 mM	0.4259 mL	2.1296 mL	4.2591 mL
10 mM	0.213 mL	1.0648 mL	2.1296 mL
50 mM	0.0426 mL	0.213 mL	0.4259 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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