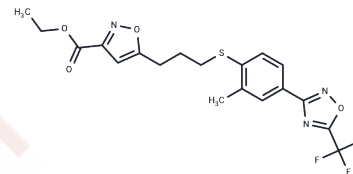


RCB18350

## Chemical Properties

CAS No. : 3052630-27-7  
 Formula: C<sub>19</sub>H<sub>18</sub>F<sub>3</sub>N<sub>3</sub>O<sub>4</sub>S  
 Molecular Weight: 441.424  
 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	RCB18350 is an antituberculosis agent and an isoxazole derivative. It demonstrates bacteriostatic properties by inhibiting the growth of Mycobacterium tuberculosis, with a minimum inhibitory concentration (MIC) of 1.25 µg/mL. RCB18350 is effective against multi-drug resistant Mycobacterium tuberculosis (MDR-TB) clinical isolates, Mycobacterium bovis BCG, and Mycobacterium avium, all of which are slow-growing mycobacteria.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2654 mL	11.3271 mL	22.6542 mL
5 mM	0.4531 mL	2.2654 mL	4.5308 mL
10 mM	0.2265 mL	1.1327 mL	2.2654 mL
50 mM	0.0453 mL	0.2265 mL	0.4531 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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