Data Sheet (Cat.No.T85808)

TargetMol

BB2-50F

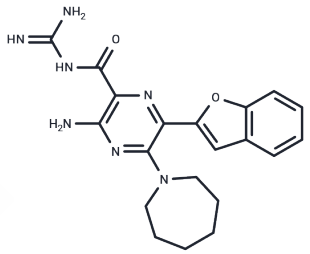
Chemical Properties

CAS No. : 2226086-65-1

Formula: C20H23N7O2

Molecular Weight: 393.44

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	BB2-50F is a potent, multi-targeting bioenergetic bactericidal inhibitor of M. tuberculosis that sterilizes both replicating and non-replicating M. tuberculosis. It inhibits succinate oxidation, decreases the activity of the tricarboxylic acid (TCA) cycle, and results in succinate secretion from M. tuberculosis. [1]
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5417 mL	12.7084 mL	25.4168 mL
5 mM	0.5083 mL	2.5417 mL	5.0834 mL
10 mM	0.2542 mL	1.2708 mL	2.5417 mL
50 mM	0.0508 mL	0.2542 mL	0.5083 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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