

HK12134085

## Chemical Properties

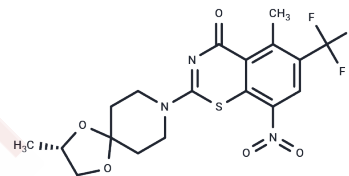
CAS No. : 2102393-11-1

Formula: C<sub>18</sub>H<sub>18</sub>F<sub>3</sub>N<sub>3</sub>O<sub>5</sub>S

Molecular Weight: 445.41

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	HK12134085 (compound 3), an orally administered nitrobenzothiazinone (BTZ) derivative, demonstrates antibacterial efficacy against Mycobacterium tuberculosis. This compound exhibits significant in vivo inhibitory potency within a BALB/c mouse model of Mycobacterium tuberculosis infection [1].
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2451 mL	11.2256 mL	22.4512 mL
5 mM	0.449 mL	2.2451 mL	4.4902 mL
10 mM	0.2245 mL	1.1226 mL	2.2451 mL
50 mM	0.0449 mL	0.2245 mL	0.449 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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