# Data Sheet (Cat.No.T35872)



### BRD-8000.3

## **Chemical Properties**

CAS No.: 2365504-95-4

Formula: C19H21BrN4O

Molecular Weight: 401.3

Appearance: no data available

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

# **Biological Description**

Description	BRD-8000.3 is a narrow-spectrum, bactericidal antimycobacterial agent known for its specific inhibition of EfpA. It exhibits potent activity against wild-type strains and proves to be a valuable tool in tuberculosis research[1].
In vitro	BRD-8000.3, functioning as a specific EfpA inhibitor, is classified as a narrow-spectrum bactericidal antimycobacterial agent exhibiting potent activity against wild-type strains[1].

#### **Preparing Stock Solutions**

	1mg	5mg	10mg	
1 mM	2.4919 mL	12.4595 mL	24.919 mL	
5 mM	0.4984 mL	2.4919 mL	4.9838 mL	
10 mM	0.2492 mL	1.246 mL	2.4919 mL	
50 mM	0.0498 mL	0.2492 mL	0.4984 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

Johnson EO, et al. Large-Scale Chemical-Genetic Strategy Enables the Design of Antimicrobial Combination Chemotherapy in Mycobacteria. ACS Infect Dis. 2020;6(1):56-63.

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