

(R)-DS86760016

Chemical Properties

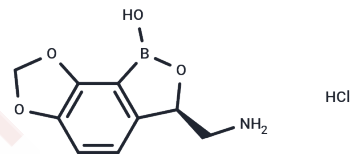
CAS No. : 3075275-82-7

Formula: C₉H₁₁BClNO₄

Molecular Weight: 243.45

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	(R)-DS86760016 is the R enantiomer of DS86760016. It functions as an inhibitor of leucyl-tRNA synthetase (LeuRS) and demonstrates antimicrobial activity against multidrug-resistant (MDR) Gram-negative bacteria, including Escherichia coli, Klebsiella pneumoniae, and Pseudomonas aeruginosa.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1076 mL	20.5381 mL	41.0762 mL
5 mM	0.8215 mL	4.1076 mL	8.2152 mL
10 mM	0.4108 mL	2.0538 mL	4.1076 mL
50 mM	0.0822 mL	0.4108 mL	0.8215 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

Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481