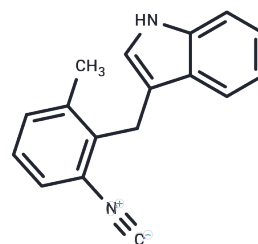


IMBI

Chemical Properties

CAS No. : 2785359-14-8
 Formula: C₁₇H₁₄N₂
 Molecular Weight: 246.31
 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	IMBI (compound 32) serves as an antibacterial agent targeting quorum sensing (QS) in drug-resistant pathogens. It effectively prevents biofilm formation in <i>Salmonella marcescens</i> and enhances or restores susceptibility to antimicrobial drugs [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0599 mL	20.2996 mL	40.5992 mL
5 mM	0.812 mL	4.0599 mL	8.1198 mL
10 mM	0.406 mL	2.030 mL	4.0599 mL
50 mM	0.0812 mL	0.406 mL	0.812 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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