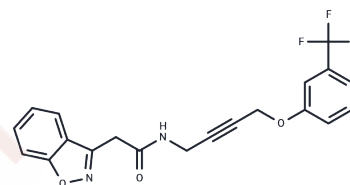


LasR antagonist 1

Chemical Properties

CAS No. : 1421464-74-5
 Formula: C₂₀H₁₅F₃N₂O₃
 Molecular Weight: 388.34
 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	LasR antagonist 1 (Compound 7), with an IC ₅₀ of 0.4 μM, is an effective antagonist of LasR that modulates quorum sensing (QS) in the opportunistic pathogen <i>Pseudomonas aeruginosa</i> [1].
Targets(IC ₅₀)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5751 mL	12.8753 mL	25.7506 mL
5 mM	0.515 mL	2.5751 mL	5.1501 mL
10 mM	0.2575 mL	1.2875 mL	2.5751 mL
50 mM	0.0515 mL	0.2575 mL	0.515 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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