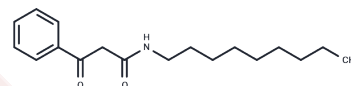


V-06-018

Chemical Properties

CAS No. : 299927-26-7
 Formula: C₁₈H₂₇NO₂
 Molecular Weight: 289.41
 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	V-06-018 is a quorum-sensing modulator. It also acts as a LasR antagonist.
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4553 mL	17.2765 mL	34.5531 mL
5 mM	0.6911 mL	3.4553 mL	6.9106 mL
10 mM	0.3455 mL	1.7277 mL	3.4553 mL
50 mM	0.0691 mL	0.3455 mL	0.6911 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.

Reference

Müh U, Schuster M, Heim R, Singh A, Olson ER, Greenberg EP. Novel Pseudomonas aeruginosa quorum-sensing inhibitors identified in an ultra-high-throughput screen. Antimicrob Agents Chemother. 2006 Nov;50(11):3674-9. Epub 2006 Sep 11. PubMed PMID: 16966394; PubMed Central PMCID: PMC1635174.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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