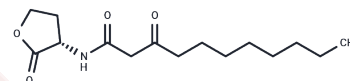


3-Oxo-C8-HSL

Chemical Properties

CAS No. :	216596-70-2
Formula:	C ₁₅ H ₂₅ NO ₄
Molecular Weight:	283.36
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	3-Oxo-C8-HSL (N-(3-Oxo-octanoyl)-L-homoserine lactone) is an autoinducer molecule. It acts as a promoter regulated by TraR and significantly enhances the expression of tra genes.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5291 mL	17.6454 mL	35.2908 mL
5 mM	0.7058 mL	3.5291 mL	7.0582 mL
10 mM	0.3529 mL	1.7645 mL	3.5291 mL
50 mM	0.0706 mL	0.3529 mL	0.7058 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481