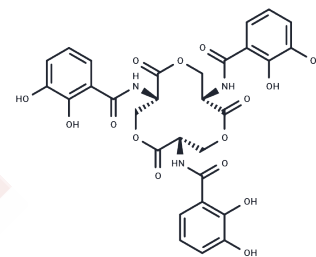


Enterobactin

Chemical Properties

CAS No. :	28384-96-5
Formula:	C ₃₀ H ₂₇ N ₃ O ₁₅
Molecular Weight:	669.55
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	Enterobactin (Enterochelin) is a high-affinity siderophore that acquires iron for microbial systems.
Targets(IC50)	Others,Antibacterial,ROS

Solubility Information

Solubility	DMSO: Slightly soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4935 mL	7.4677 mL	14.9354 mL
5 mM	0.2987 mL	1.4935 mL	2.9871 mL
10 mM	0.1494 mL	0.7468 mL	1.4935 mL
50 mM	0.0299 mL	0.1494 mL	0.2987 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

Raymond KN, Dertz EA, Kim SS. Enterobactin: an archetype for microbial iron transport. Proc Natl Acad Sci U S A. 2003 Apr 1;100(7):3584-8.

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