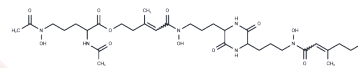


Triornicin

Chemical Properties

CAS No. :	77165-75-4
Formula:	C ₃₁ H ₅₀ N ₆ O ₁₂
Molecular Weight:	698.76
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	Triornicin is a siderophore and tumor inhibitory factor isolated from <i>Epicoccum purpurascens</i> similar in structure to desferricoprogen.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4311 mL	7.1555 mL	14.3111 mL
5 mM	0.2862 mL	1.4311 mL	2.8622 mL
10 mM	0.1431 mL	0.7156 mL	1.4311 mL
50 mM	0.0286 mL	0.1431 mL	0.2862 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

Frederick CB, Bentley MD, Shive W. Structure of triornicin, a new siderophore. *Biochemistry*. 1981 Apr 28;20(9):2436-8. PubMed PMID: 7195281.

Frederick CB, Szaniszlo PJ, Vickrey PE, Bentley MD, Shive W. Production and isolation of siderophores from the soil fungus *Epicoccum purpurascens*. *Biochemistry*. 1981 Apr 28;20(9):2432-6. PubMed PMID: 6453608.

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