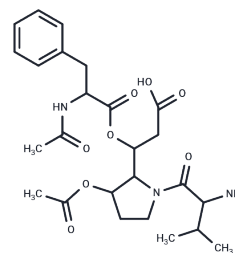


Detoxin C1

Chemical Properties

CAS No. : 74717-53-6
 Formula: C₂₅H₃₅N₃O₈
 Molecular Weight: 505.56
 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	Detoxin C1 is a selective blasticidin S antagonist.
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.978 mL	9.890 mL	19.780 mL
5 mM	0.3956 mL	1.978 mL	3.956 mL
10 mM	0.1978 mL	0.989 mL	1.978 mL
50 mM	0.0396 mL	0.1978 mL	0.3956 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

Otake N, Kakinuma K, Yonehara H. Separation of detoxin complex and characterization of two active principles, detoxin C1 and D1. J Antibiot (Tokyo). 1968 May;21(5):371-3. PubMed PMID: 5726294.

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