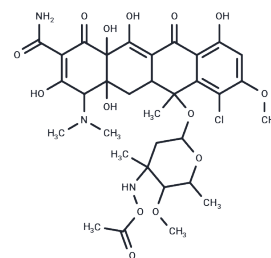


Dactylocycline D

Chemical Properties

CAS No. :	146064-00-8
Formula:	C ₃₃ H ₄₂ ClN ₃ O ₁₄
Molecular Weight:	740.15
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Dactylocyclines D is novel tetracycline derivatives produced by a Dactylosporangium sp. A screen for antibiotics with activity against tetracycline-resistant microorganisms has led to the isolation of Dactylosporangium sp.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3511 mL	6.7554 mL	13.5108 mL
5 mM	0.2702 mL	1.3511 mL	2.7022 mL
10 mM	0.1351 mL	0.6755 mL	1.3511 mL
50 mM	0.027 mL	0.1351 mL	0.2702 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.

Reference

Tymiak AA, Ax HA, Bolgar MS, Kahle AD, Porubcan MA, Andersen NH. Dactylocyclines, novel tetracycline derivatives produced by a Dactylosporangium sp. II. Structure elucidation. J Antibiot (Tokyo). 1992 Dec;45(12):

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