

(-)-Mitorubrinic acid

Chemical Properties

CAS No. :	58958-07-9
Formula:	C ₂₁ H ₁₆ O ₉
Molecular Weight:	412.35
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	(-)-Mitorubrinic acid (Mitorubrinic acid) is a polyketide compound. It is produced sequentially by two non-reducing polyketide synthase (PKS) genes, pks12 and pks11. This compound serves as a virulence factor for <i>Penicillium marneffei</i> , enhancing its intracellular survival within macrophages.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4251 mL	12.1256 mL	24.2512 mL
5 mM	0.485 mL	2.4251 mL	4.8502 mL
10 mM	0.2425 mL	1.2126 mL	2.4251 mL
50 mM	0.0485 mL	0.2425 mL	0.485 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.

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