

10-Methyldodec-2-en-4-olide

Chemical Properties

CAS No. : 874359-15-6
 Formula: C₁₃H₂₂O₂
 Molecular Weight: 210.31
 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	10-Methyldodec-2-en-4-olide is an antimicrobial agent derived from Streptomyces. It exhibits antibacterial activity against organisms such as Botrytis cinerea, Saccharomyces cerevisiae, Staphylococcus aureus, and Bacillus luteus.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7549 mL	23.7744 mL	47.5489 mL
5 mM	0.951 mL	4.7549 mL	9.5098 mL
10 mM	0.4755 mL	2.3774 mL	4.7549 mL
50 mM	0.0951 mL	0.4755 mL	0.951 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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