

trans-2-Nonenal

Chemical Properties

CAS No. :	18829-56-6
Formula:	C ₉ H ₁₆ O
Molecular Weight:	140.22
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	trans-2-Nonenal exhibits antibacterial activity against Staphylococcus aureus, Escherichia coli, and fungi, and can be used in related research in the field of life sciences.
Targets(IC50)	Antibacterial, Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.1317 mL	35.6583 mL	71.3165 mL
5 mM	1.4263 mL	7.1317 mL	14.2633 mL
10 mM	0.7132 mL	3.5658 mL	7.1317 mL
50 mM	0.1426 mL	0.7132 mL	1.4263 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

Kubo A , Kubo I .Antimicrobial Agents from Tanacetum balsamita[J].Journal of Natural Products, 2004, 58(10):1565-1569.

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