

Adamantane-carboxylic acid

Chemical Properties

CAS No. :	828-51-3
Formula:	C ₁₁ H ₁₆ O ₂
Molecular Weight:	180.24
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	Adamantane-carboxylic acid, an antibacterial agent, effectively inhibits the growth of Gram-positive bacteria but is less sensitive to Gram-negative bacteria [1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.5482 mL	27.7408 mL	55.4816 mL
5 mM	1.1096 mL	5.5482 mL	11.0963 mL
10 mM	0.5548 mL	2.7741 mL	5.5482 mL
50 mM	0.111 mL	0.5548 mL	1.1096 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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