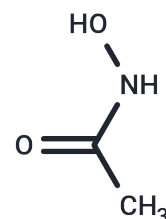


Acetohydroxamic acid

Chemical Properties

CAS No. :	546-88-3
Formula:	C ₂ H ₅ NO ₂
Molecular Weight:	75.07
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Acetohydroxamic acid (N-Hydroxyacetamide) is an antagonist of the bacterial enzyme urease.
Targets(IC50)	MMP,Antibacterial

Solubility Information

Solubility	DMSO: 60 mg/mL (799.25 mM),Sonication is recommended. H2O: 199.8 mM,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	13.3209 mL	66.6045 mL	133.209 mL
5 mM	2.6642 mL	13.3209 mL	26.6418 mL
10 mM	1.3321 mL	6.6605 mL	13.3209 mL
50 mM	0.2664 mL	1.3321 mL	2.6642 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

Palinska KA, et al. Microbiology. 2000 Dec;146 Pt 12:3099-107.

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