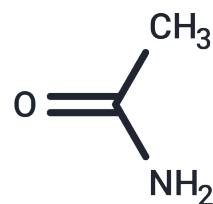


Acetamide

Chemical Properties

CAS No. : 60-35-5
Formula: C₂H₅NO
Molecular Weight: 59.07
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Acetamide (ethanamide) is found in red beetroot, is used primarily as a solvent and a plasticizer.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	DMSO: 7.5 mg/mL (126.97 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	16.9291 mL	84.6453 mL	169.2907 mL
5 mM	3.3858 mL	16.9291 mL	33.8581 mL
10 mM	1.6929 mL	8.4645 mL	16.9291 mL
50 mM	0.3386 mL	1.6929 mL	3.3858 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

Exposure Assessment of Acetamide in Milk, Beef, and Coffee Using Xanthidrol Derivatization and Gas Chromatography/Mass Spectrometry[J]. Journal of Agricultural and Food Chemistry, 2018, 66(1):298-305.

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