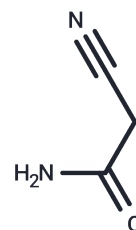


Cyanoacetamide

Chemical Properties

CAS No. :	107-91-5
Formula:	C ₃ H ₄ N ₂ O
Molecular Weight:	84.08
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	Cyanoacetamide has inhibitory activity against the myeloid leukaemia cell differentiation protein Mcl-1 and is widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Bcl-2 Family

Solubility Information

Solubility	DMSO: 4 mg/mL (47.57 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	11.8934 mL	59.4672 mL	118.9343 mL
5 mM	2.3787 mL	11.8934 mL	23.7869 mL
10 mM	1.1893 mL	5.9467 mL	11.8934 mL
50 mM	0.2379 mL	1.1893 mL	2.3787 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

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