

2-Iodoacetamide [144-48-9]

#Cat: NB-64-45250-1g	Size: 1g
#Cat: NB-64-45250-5g	Size: 5g
#Cat: NB-64-45250-10g	Size: 10g
#Cat: NB-64-45250-1mL	Size: 1mL
#Cat: NB-64-45250-500mg	Size: 500mg

Chemical Properties

Cas No:	144-48-9
Formula:	C ₂ H ₄ IN _o
Molecular weight:	184.96
Appearance:	no data available
Storage:	keep away from direct sunlight, store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year

Biological Description

Description	Iodoacetamide, an alkylating agent, is commonly utilized for cysteine alkylation in proteomics sample preparation.
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (270.33 mM),Sonication is recommended. H ₂ O: 50 mg/mL (270.33 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	5.4066 mL	27.0329 mL	54.0657 mL
5 mM	1.0813 mL	5.4066 mL	10.8131 mL
10 mM	0.5407 mL	2.7033 mL	5.4066 mL
50 mM	0.1081 mL	0.5407 mL	1.0813 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.