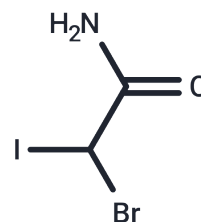


Bromiodoacetamide

Chemical Properties

CAS No. : 62872-36-0
 Formula: C₂H₃BrINO
 Molecular Weight: 263.86
 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	Bromiodoacetamide, an iodinated haloacetamide (I-HAcAm) compound, exhibits cytotoxic properties. Its mechanism of action involves the accumulation of reactive oxygen species (ROS) and induction of apoptosis in HepG-2 cells.
Targets(IC50)	Apoptosis,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7899 mL	18.9494 mL	37.8989 mL
5 mM	0.758 mL	3.7899 mL	7.5798 mL
10 mM	0.379 mL	1.8949 mL	3.7899 mL
50 mM	0.0758 mL	0.379 mL	0.758 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

Huachang Hong, et al. Cytotoxicity induced by iodinated haloacetamides via ROS accumulation and apoptosis in HepG-2 cells. Environ Pollut. 2018 Nov;242(Pt A):191-197.6.

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