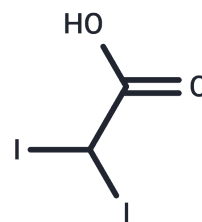


Diiodoacetic acid

Chemical Properties

CAS No. : 598-89-0
 Formula: C₂H₂I₂O₂
 Molecular Weight: 311.85
 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	Diiodoacetic acid, a disinfection by-product (DBP), forms during water disinfection.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2067 mL	16.0333 mL	32.0667 mL
5 mM	0.6413 mL	3.2067 mL	6.4133 mL
10 mM	0.3207 mL	1.6033 mL	3.2067 mL
50 mM	0.0641 mL	0.3207 mL	0.6413 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

Runmiao Xue, et al. Evaluation of thirteen haloacetic acids and ten trihalomethanes formation by peracetic acid and chlorine drinking water disinfection. Chemosphere. 2017 Dec;189:349-356.

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