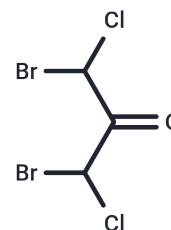


1,3-Dibromo-1,3-dichloroacetone

Chemical Properties

CAS No. : 62874-84-4
Formula: C₃H₂Br₂Cl₂O
Molecular Weight: 284.76
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	1,3-Dibromo-1,3-dichloroacetone is a chemical compound that acts as a disinfection byproduct (DBP) of halogenated ozone-chlorine and ozone-chloramine, particularly at heightened bromide concentrations, when used as secondary disinfectants.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5117 mL	17.5586 mL	35.1173 mL
5 mM	0.7023 mL	3.5117 mL	7.0235 mL
10 mM	0.3512 mL	1.7559 mL	3.5117 mL
50 mM	0.0702 mL	0.3512 mL	0.7023 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

Susan D. Richardson, et al. Identification of New Drinking Water Disinfection Byproducts Formed in the Presence of Bromide. Environ. Sci. Technol. 1999, 33, 19, 3378-3383.

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