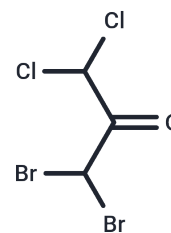


1,1-Dibromo-3,3-dichloroacetone

Chemical Properties

CAS No. :	62874-83-3
Formula:	C ₃ H ₂ Br ₂ Cl ₂ O
Molecular Weight:	284.76
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	1,1-Dibromo-3,3-dichloroacetone is a disinfection byproduct (DBP) formed when elevated levels of bromide are present during the use of chlorine or chloramine as secondary disinfectants, resulting in the halogenation of ozone-chlorine and ozone-chloramine compounds.
Targets(IC50)	Others

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.

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

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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