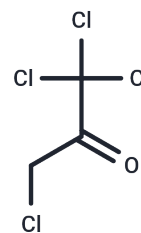


1,1,1,3-Tetrachloroacetone

Chemical Properties

CAS No. :	16995-35-0
Formula:	C ₃ H ₂ Cl ₄ O
Molecular Weight:	195.86
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	1,1,1,3-Tetrachloroacetone, a halogenated compound, is known to form ozone-chlorine and ozone-chloramine disinfection byproducts (DBPs) when elevated bromide levels are present in water treated with chlorine or chloramine as secondary disinfectants.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.1057 mL	25.5284 mL	51.0569 mL
5 mM	1.0211 mL	5.1057 mL	10.2114 mL
10 mM	0.5106 mL	2.5528 mL	5.1057 mL
50 mM	0.1021 mL	0.5106 mL	1.0211 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481