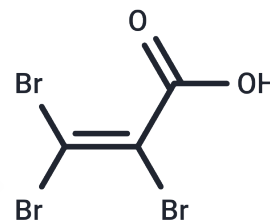


2,3,3-Tribromopropenoic acid

Chemical Properties

CAS No. :	71815-46-8
Formula:	C ₃ HBr ₃ O ₂
Molecular Weight:	308.75
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	2,3,3-Tribromopropenoic acid, a brominated disinfection byproduct derived from propenoic acid, is an aromatic and polar compound. Formed during the chlorination process in water, it exhibits cytotoxic properties in chronic cytotoxicity experiments involving mammalian cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2389 mL	16.1943 mL	32.3887 mL
5 mM	0.6478 mL	3.2389 mL	6.4777 mL
10 mM	0.3239 mL	1.6194 mL	3.2389 mL
50 mM	0.0648 mL	0.3239 mL	0.6478 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

M. Plewa, et al. Induction of mammalian cell chronic cytotoxicity and acute genomic DNA damage by drinking water disinfection byproducts. Corpus ID: 89696504

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