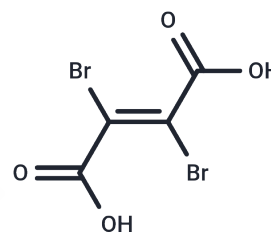


(E)-2,3-Dibromo-2-butenedioic acid

Chemical Properties

CAS No. :	608-38-8
Formula:	C ₄ H ₂ Br ₂ O ₄
Molecular Weight:	273.86
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	(E)-2,3-Dibromo-2-butenedioic acid, a brominated haloacid, is a disinfection byproduct (DBP) found in drinking water.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6515 mL	18.2575 mL	36.515 mL
5 mM	0.7303 mL	3.6515 mL	7.303 mL
10 mM	0.3652 mL	1.8258 mL	3.6515 mL
50 mM	0.073 mL	0.3652 mL	0.7303 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

Krasner SW, et, al. Occurrence of a new generation of disinfection byproducts. Environ Sci Technol. 2006 Dec 1; 40 (23): 7175-85.

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