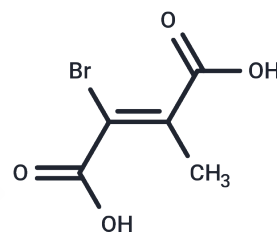


(Z)-2-Bromo-3-methyl-2-butenedioic acid

Chemical Properties

CAS No. : 23366-89-4
 Formula: C₅H₅BrO₄
 Molecular Weight: 208.99
 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	(Z)-2-Bromo-3-methyl-2-butenedioic acid is a brominated haloacid and a disinfection byproduct (DBP) found in treated drinking water.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7849 mL	23.9246 mL	47.8492 mL
5 mM	0.957 mL	4.7849 mL	9.5698 mL
10 mM	0.4785 mL	2.3925 mL	4.7849 mL
50 mM	0.0957 mL	0.4785 mL	0.957 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

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

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