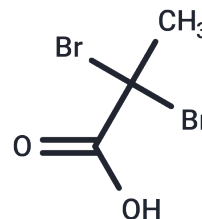


2,2-Dibromopropanoic acid

Chemical Properties

CAS No. :	594-48-9
Formula:	C ₃ H ₄ Br ₂ O ₂
Molecular Weight:	231.87
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	2,2-Dibromopropanoic acid is a derivative of propionic acid (a short-chain fatty acid), characterized by two bromine atoms. Propionic acid serves as a chemical intermediate, a mold inhibitor, and is extensively used as a food preservative.
Targets(IC50)	Others,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3128 mL	21.5638 mL	43.1276 mL
5 mM	0.8626 mL	4.3128 mL	8.6255 mL
10 mM	0.4313 mL	2.1564 mL	4.3128 mL
50 mM	0.0863 mL	0.4313 mL	0.8626 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

Yin Liu, et al. Glycerol/glucose co-fermentation: one more proficient process to produce propionic acid by *Propionibacterium acidipropionici*. *Curr Microbiol*

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