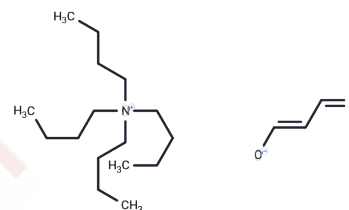


Malondialdehyde tetrabutylammonium

Chemical Properties

CAS No. :	100683-54-3
Formula:	C19H39NO2
Molecular Weight:	313.52
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	Malondialdehyde tetrabutylammonium serves as a biomarker with antioxidant properties, and is extensively used in both the food and cosmetics industries primarily for monitoring and assessing product stability and safety. It acts as an indicator of lipid peroxidation, aiding in the evaluation of oxidative stress levels. Additionally, this compound has significant implications for indicating cellular damage and is investigated as a potential biomarker for various diseases.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1896 mL	15.9479 mL	31.8959 mL
5 mM	0.6379 mL	3.1896 mL	6.3792 mL
10 mM	0.319 mL	1.5948 mL	3.1896 mL
50 mM	0.0638 mL	0.319 mL	0.6379 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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