

Maleate trihydrate sodium

Chemical Properties

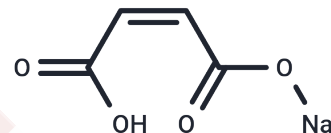
CAS No. : 3105-55-3

Formula: C₄H₃NaO₄

Molecular Weight: 138.05

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	Maleate trihydrate sodium is an organic compound classified as a type of salt. It results from the neutralization reaction between maleic acid and sodium hydroxide and has a slightly bitter taste. In industrial settings, it serves numerous functions, particularly as an intermediate in synthesizing various chemicals and polymers. Additionally, it is utilized in the food and beverage industry as a buffering agent, flavor enhancer, and preservative.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.2438 mL	36.2188 mL	72.4375 mL
5 mM	1.4488 mL	7.2438 mL	14.4875 mL
10 mM	0.7244 mL	3.6219 mL	7.2438 mL
50 mM	0.1449 mL	0.7244 mL	1.4488 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.

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