

Malic acid disodium salt

Chemical Properties

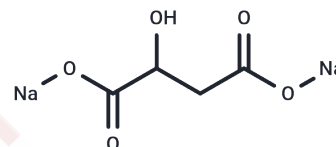
CAS No. : 676-46-0

Formula: C₄H₄Na₂O₅

Molecular Weight: 178.0511

Storage: Store under nitrogen
Store at RT

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Sodium DL-Malate is an organic compound commonly used as a food additive, buffering agent, and nutritional supplement. It consists of sodium and malic acid (Malic acid disodium salt) and possesses various properties suited for these applications, such as enhancing food flavor, improving texture, and regulating acidity. Furthermore, it can serve as a dietary supplement due to its potential health benefits, including boosting energy production, reducing fatigue, and enhancing athletic performance.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.6164 mL	28.082 mL	56.164 mL
5 mM	1.1233 mL	5.6164 mL	11.2328 mL
10 mM	0.5616 mL	2.8082 mL	5.6164 mL
50 mM	0.1123 mL	0.5616 mL	1.1233 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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