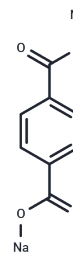


Disodium terephthalate

Chemical Properties

CAS No. :	10028-70-3
Formula:	C ₈ H ₄ Na ₂ O ₄
Molecular Weight:	210.09
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	Disodium terephthalate is an organic salt often used as a catalyst or intermediate in the manufacturing of various industrial and consumer goods, such as polyethylene terephthalate (PET) plastics, polyester fibers, and films. This compound boasts excellent thermal stability, chemical resistance, and mechanical properties, making it a top choice for high-performance applications. Additionally, it is non-toxic, non-flammable, and environmentally friendly, positioning it as an appealing alternative to other petroleum-based chemicals. In the food and pharmaceutical industries, Disodium terephthalate serves as a pH regulator and buffer. It is generally recognized as safe for use in food and drug applications by regulatory bodies like the FDA.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7599 mL	23.7993 mL	47.5986 mL
5 mM	0.952 mL	4.7599 mL	9.5197 mL
10 mM	0.476 mL	2.3799 mL	4.7599 mL
50 mM	0.0952 mL	0.476 mL	0.952 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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