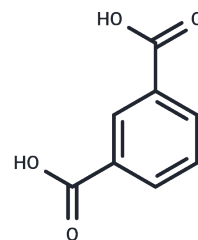


## Isophthalic acid

## Chemical Properties

CAS No. :	121-91-5
Formula:	C <sub>8</sub> H <sub>6</sub> O <sub>4</sub>
Molecular Weight:	166.13
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	Isophthalic acid is an aromatic dicarboxylic acid primarily used as a raw material for the production of polyester resins, alkyd resins, and unsaturated polyester resins, and is widely applied in research and experimentation within the life sciences field.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 180 mg/mL (1083.49 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.0194 mL	30.0969 mL	60.1938 mL
5 mM	1.2039 mL	6.0194 mL	12.0388 mL
10 mM	0.6019 mL	3.0097 mL	6.0194 mL
50 mM	0.1204 mL	0.6019 mL	1.2039 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

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