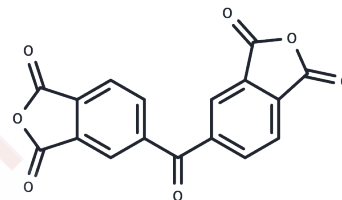


## BTDA

## Chemical Properties

CAS No. :	2421-28-5
Formula:	C <sub>17</sub> H <sub>6</sub> O <sub>7</sub>
Molecular Weight:	322.23
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	3,3',4,4'-Benzophenonetetracarboxylic dianhydride is a compound used as a polyimide precursor in the production of polyimide films and adhesives. It is a non-toxic material with no known adverse effects on human health.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 55 mg/mL (170.69 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween-80+45% Saline: 5 mg/mL (15.52 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1034 mL	15.5169 mL	31.0337 mL
5 mM	0.6207 mL	3.1034 mL	6.2067 mL
10 mM	0.3103 mL	1.5517 mL	3.1034 mL
50 mM	0.0621 mL	0.3103 mL	0.6207 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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