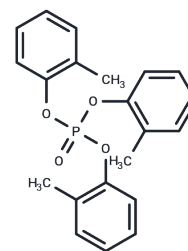


Tri-o-cresyl phosphate

Chemical Properties

CAS No. :	78-30-8
Formula:	C ₇ H ₇ O ₄ P ₂ -
Molecular Weight:	186.10
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	Tricresyl phosphate is an organophosphate compound. It is used as a plasticizer and diverse other applications.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.3735 mL	26.8673 mL	53.7346 mL
5 mM	1.0747 mL	5.3735 mL	10.7469 mL
10 mM	0.5373 mL	2.6867 mL	5.3735 mL
50 mM	0.1075 mL	0.5373 mL	1.0747 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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Petroianu GA. Neuropathic organophosphates: from Scrugham, Heim and Lorot to Jake leg paralysis. *Pharmazie*. 2016 Dec 1;71(12):738-744. doi: 10.1691/ph.2016.6080. PubMed PMID: 29442005.

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