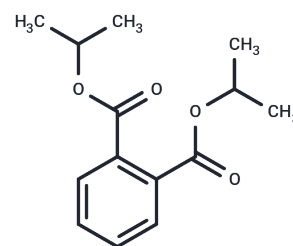


Diisopropyl phthalate

Chemical Properties

CAS No. :	605-45-8
Formula:	C ₁₄ H ₁₈ O ₄
Molecular Weight:	250.29
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Diisopropyl phthalate is widely used as an additive in plastics and consumer products in the chemical industries.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (199.77 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9954 mL	19.9768 mL	39.9537 mL
5 mM	0.7991 mL	3.9954 mL	7.9907 mL
10 mM	0.3995 mL	1.9977 mL	3.9954 mL
50 mM	0.0799 mL	0.3995 mL	0.7991 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.

Reference

Kurohane K, et al. An Aliphatic Ester Diisopropyl Sebacate Exhibited an Adjuvant Effect on Fluorescein Isothiocyanate-Induced Contact Hypersensitivity Mouse Models. Biol Pharm Bull. 2018 Jan 1;41(1):147-150.

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