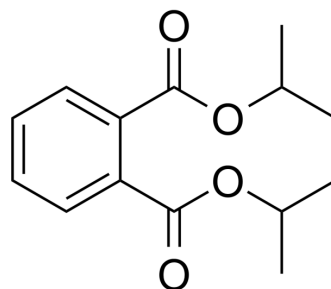


Diisopropyl phthalate

Cat. No.:	HY-W011926		
CAS No.:	605-45-8		
Molecular Formula:	C ₁₄ H ₁₈ O ₄		
Molecular Weight:	250.29		
Target:	Others		
Pathway:	Others		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (9.99 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (9.99 mM); Clear solution
3. Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (9.99 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Diisopropyl phthalate (DiPP) is a phthalate diester. Phthalate esters can be widely used as the polymeric additives to increase plastic flexibility in industrial application^{[1][2]}.

REFERENCES

- [1]. Bradley EL, et al. Determination of phthalate diesters in foods. Food Addit Contam Part A Chem Anal Control Expo Risk Assess. 2013;30(4):722-34.
- [2]. Zhou J, et al. Simultaneous determination of trace migration of phthalate esters in honey and royal jelly by GC-MS. J Sep Sci. 2014 Mar;37(6):650-7.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA