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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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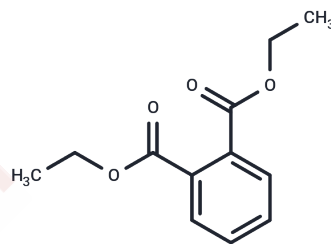
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Diethyl phthalate

Chemical Properties

CAS No. :	84-66-2
Formula:	C ₁₂ H ₁₄ O ₄
Molecular Weight:	222.24
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Diethyl phthalate (1,2-diethyl benzene-1,2-dicarboxylate) is a endocrine disrupter affecting the apoptotic system in PC12 cells. Diethyl phthalate is widely used in many plastics and personal care products.
Targets(IC50)	Apoptosis

Solubility Information

Solubility	DMSO: 25 mg/mL (112.49 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4996 mL	22.4982 mL	44.9964 mL
5 mM	0.8999 mL	4.4996 mL	8.9993 mL
10 mM	0.450 mL	2.2498 mL	4.4996 mL
50 mM	0.090 mL	0.450 mL	0.8999 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

Weaver JA, et al. Hazards of diethyl phthalate (DEP) exposure: A systematic review of animal toxicology studies. Environ Int. 2020 Dec;145:105848.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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