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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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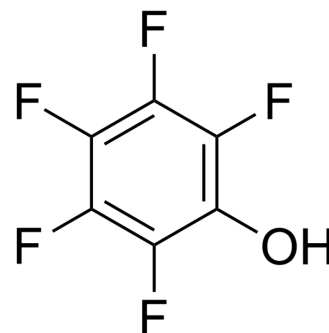
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Pentafluorophenol

Cat. No.:	HY-I0865
CAS No.:	771-61-9
Molecular Formula:	C ₆ HF ₅ O
Molecular Weight:	184.06
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (543.30 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg
		1 mM	5.4330 mL	27.1651 mL	54.3301 mL
		5 mM	1.0866 mL	5.4330 mL	10.8660 mL
		10 mM	0.5433 mL	2.7165 mL	5.4330 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (13.58 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (13.58 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (13.58 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Pentafluorophenol is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
In Vitro	Pentafluorophenol is used in the preparation of pentafluorophenyl esters for peptide synthesis and vulcanized polymers. It is also used for peptide coupling and heterocyclic acid derivatives. It is involved in the preparation of pentafluorophenyl formate which acts as a formulating agent for amines and amino acids. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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