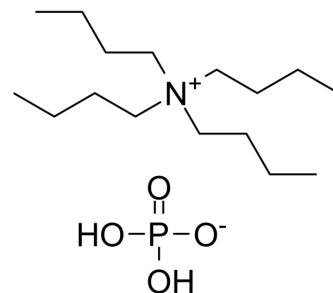


Tetrabutylammonium phosphate

Cat. No.:	HY-W096982A		
CAS No.:	5574-97-0		
Molecular Formula:	$C_{16}H_{38}NO_4P$		
Molecular Weight:	339.45		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (294.59 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM		2.9459 mL	14.7297 mL	29.4594 mL
		5 mM		0.5892 mL	2.9459 mL	5.8919 mL
		10 mM		0.2946 mL	1.4730 mL	2.9459 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 (7.36 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (7.36 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (7.36 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Tetrabutylammonium Phosphate is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
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Caution: Product has not been fully validated for medical applications. For research use only.

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