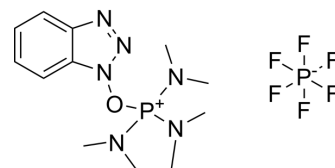


## BOP hexafluorophosphate

<b>Cat. No.:</b>	HY-Y0973		
<b>CAS No.:</b>	56602-33-6		
<b>Molecular Formula:</b>	C <sub>12</sub> H <sub>22</sub> F <sub>6</sub> N <sub>6</sub> OP <sub>2</sub>		
<b>Molecular Weight:</b>	442.28		
<b>Target:</b>	Biochemical Assay Reagents		
<b>Pathway:</b>	Others		
<b>Storage:</b>	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 (226.10 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.2610 mL	11.3051 mL	22.6101 mL
	5 mM	0.4522 mL	2.2610 mL	4.5220 mL
	10 mM	0.2261 mL	1.1305 mL	2.2610 mL

Please refer to the solubility information to select the appropriate solvent.

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 2.5 mg/mL (5.65 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.5 mg/mL (5.65 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.5 mg/mL (5.65 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

BOP (hexafluorophosphate) 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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