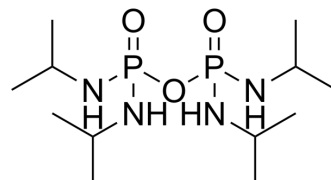


Iso-OMPA

Cat. No.:	HY-131922		
CAS No.:	513-00-8		
Molecular Formula:	C ₁₂ H ₃₂ N ₄ O ₃ P ₂		
Molecular Weight:	342.36		
Target:	Cholinesterase (ChE)		
Pathway:	Neuronal Signaling		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

H₂O : 10 mg/mL (29.21 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.9209 mL	14.6045 mL	29.2090 mL
5 mM	0.5842 mL	2.9209 mL	5.8418 mL
10 mM	0.2921 mL	1.4605 mL	2.9209 mL

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

BIOLOGICAL ACTIVITY

Description

Iso-OMPA is an inhibitor of butyrylcholinesterase (BuChE)^[1].

REFERENCES

[1]. Rodríguez-Fuentes G, et al. Characterization of cholinesterase activity from different tissues of Nile tilapia (*Oreochromis niloticus*). *Mar Environ Res.* 2004 Aug-Dec;58(2-5):505-9.

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

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