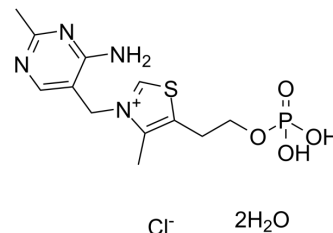


Thiamine monophosphate chloride (dihydrate)

Cat. No.:	HY-128742
CAS No.:	273724-21-3
Molecular Formula:	C ₁₂ H ₂₂ ClN ₄ O ₆ PS
Molecular Weight:	416.82
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 125 mg/mL (299.89 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	2.3991 mL	11.9956 mL	23.9912 mL
				5 mM	0.4798 mL	2.3991 mL	4.7982 mL
				10 mM	0.2399 mL	1.1996 mL	2.3991 mL
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: PBS Solubility: 100 mg/mL (239.91 mM); Clear solution; Need ultrasonic						

BIOLOGICAL ACTIVITY

Description	Thiamine monophosphate chloride (dihydrate) is an endogenous metabolite.
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Caution: Product has not been fully validated for medical applications. For research use only.

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