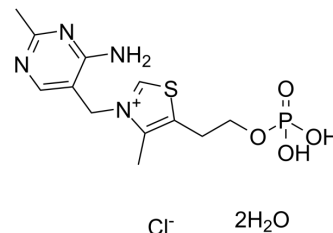


Thiamine monophosphate chloride (dihydrate)

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:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

H₂O : 125 mg/mL (299.89 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	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.

BIOLOGICAL ACTIVITY

Description

Thiamine monophosphate chloride (dihydrate) is an endogenous metabolite.

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

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