

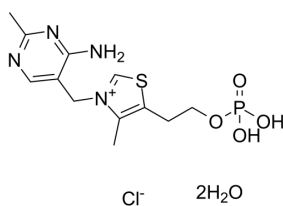
## Thiamine monophosphate (chloride) (dihydrate)

Cat. No.:	HY-128742
CAS No.:	273724-21-3
Batch No.:	89378
Chemical Name:	Thiazolium, 3-[(4-amino-2-methyl-5-pyrimidinyl)methyl]-4-methyl-5-[2-(phosphonoxy)ethyl]-, chloride, hydrate (1:1:2)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>12</sub> H <sub>22</sub> ClN <sub>4</sub> O <sub>6</sub> PS		
Molecular Weight:	416.82		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

### Chemical Structure:



### ANALYTICAL DATA

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	99.31%
Conclusion:	The product has been tested and complies with the given specifications.

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

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