

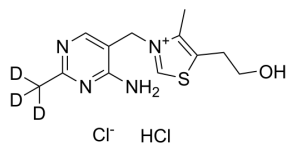
## Thiamine-d<sub>3</sub> (hydrochloride)

Cat. No.:	HY-N0680S1
CAS No.:	2241872-28-4
Batch No.:	331245
Chemical Name:	Thiazolium, 3-[[4-amino-2-(methyl-d <sub>3</sub> )-5-pyrimidinyl]methyl]-5-(2-hydroxyethyl)-4-methyl-, chloride, hydrochloride (1:1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>12</sub> H <sub>15</sub> D <sub>3</sub> Cl <sub>2</sub> N <sub>4</sub> OS
Molecular Weight:	340.29
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:



### ANALYTICAL DATA

Appearance:	White to light brown (Solid)
Purity:	≥98.0%
Isotopic Enrichment:	95.8%
Additional Information:	d <sub>0</sub> = 0.01%, d <sub>1</sub> = 2.06%, d <sub>2</sub> = 8.61%, d <sub>3</sub> = 89.32%
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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA