

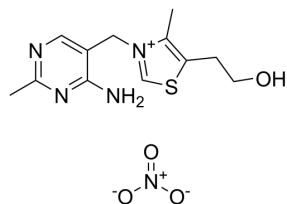
## Thiamine nitrate

Cat. No.: HY-B2223  
 CAS No.: 532-43-4  
 Batch No.: 26199  
 Chemical Name: Thiazolium, 3-[(4-amino-2-methyl-5-pyrimidinyl)methyl]-5-(2-hydroxyethyl)-4-methyl-, nitrate (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{12}H_{17}N_5O_4S$   
 Molecular Weight: 327.36  
 Storage: 4°C, sealed storage, away from moisture and light  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

#### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
 MS: Consistent with structure  
 Purity (HPLC): 99.41%  
 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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