

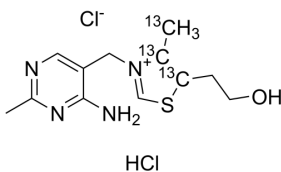
## Thiamine-<sup>13</sup>C<sub>3</sub> (hydrochloride)

Cat. No.: HY-N0680S3  
Batch No.: 324948  
Chemical Name: Thiamine-13C3, hydrochloride

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>9</sub><sup>13</sup>C<sub>3</sub>H<sub>18</sub>Cl<sub>2</sub>N<sub>4</sub>OS  
Molecular Weight: 340.25  
Storage: 4°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 yellow (Solid)  
Purity (HPLC): 99.90%  
Isotopic Enrichment: 99.7%  
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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