

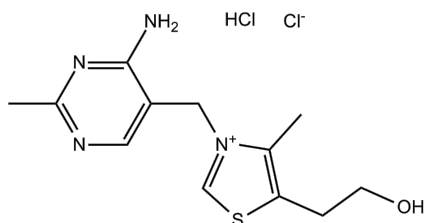
Certificate of Analysis

Product Name: Vitamin B1 (Thiamine HCl) (Standard)
Cat. No.: GC14040
Batch No.: 3
Chemical Name: 2-[3-[(4-amino-2-methylpyrimidin-5-yl)methyl]-4-methyl-1,3-thiazol-3-ium-5-yl]ethanol;chloride;hydrochloride

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 67-03-8
Molecular Formula: $C_{12}H_{17}N_4OS.HCl$
Molecular Weight: 337.27
Storage: Store at $-20^{\circ}C$

Chemical Structure:



ANALYTICAL DATA

Appearance: A solid
HNMR: Consistent with structure
HPLC: Consistent with structure
Purity: >99.00%
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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