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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2025

Re-test Date: Mar 2028

Product Name: Thiamine EP Impurity C

Identification:

Chemical Name: 3-((4-amino-2-methylpyrimidin-5-yl)methyl)-5-(2-chloroethyl)-4-methylthiazol-3-ium chloride hydrochloride

Synonyms : Beclotiamine

CAS Number : 7275-24-3

CAT Number : CP-T2003

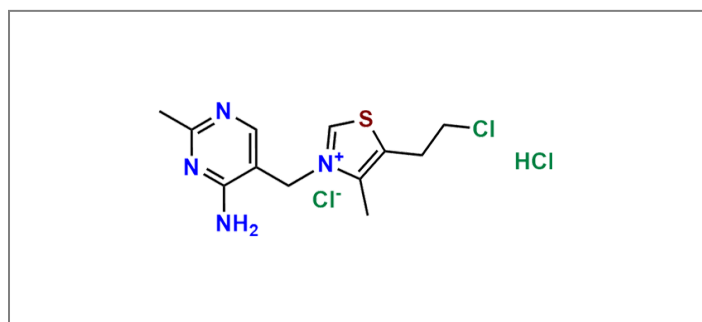
Molecular Formula : C₁₂H₁₆ClN₄S : Cl : HCl

Molecular Weight : 283.8 : 35.45 : 36.46

Batch Number : CP-THI-C-0425

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	92.87%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Quality Control)

Approved By



Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.