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CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2022

Re-test Date: Oct 2025

Product Name: Benfotiamine

Identification:

Chemical Name: S-(2-(N-((4-Amino-2-methylpyrimidin-5-yl)methyl)formamido)-5-(phosphonoxy)pent-2-en-3-yl) benzothioate

Synonyms : NA

CAS Number : 22457-89-2

CAT Number : CP-B44000

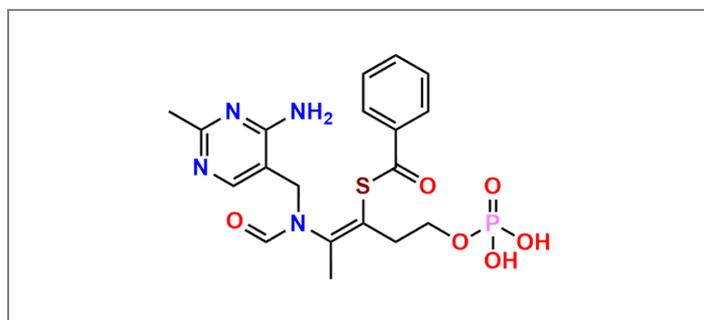
Molecular Formula : C₁₉H₂₃N₄O₆PS

Molecular Weight : 466.45

Batch Number : CHEM-BEN-H

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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-



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.