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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

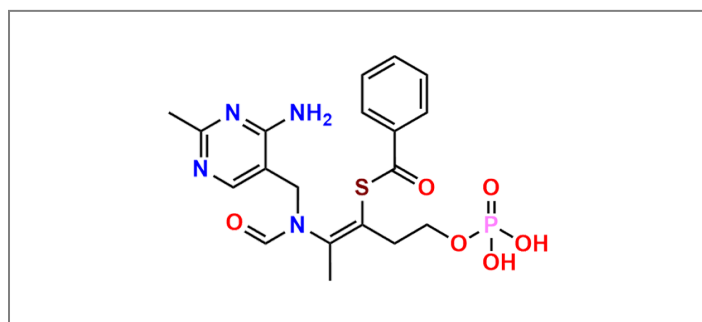
Molecular Formula : C<sub>19</sub>H<sub>23</sub>N<sub>4</sub>O<sub>6</sub>PS

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)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

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