



1. Identification

Catalogue Number

B136000

Lot Number

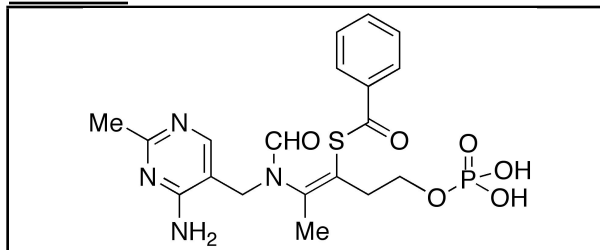
1-AJC-145-1

Product Name

Benfotiamine

Synonyms

Benzenecarbothioic Acid S-[2-[[[4-Amino-2-methyl-5-pyrimidinyl)methyl]

Structure**CAS Number**

22457-89-2

SolubilityAqueous Acid (Slightly), DMSO
(Heated, Sonicated)**Shipping Condition**This Product Is Stable To Be Shipped At Room
Temperature**Molecular Formula**C₁₉H₂₃N₄O₆PS**Source of Product**

N/A

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

466.45

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests	Specifications	Results
Appearance	White to Off-White Solid	White Solid
NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 46.47, %H: 5.27, %N: 11.41
HPLC Purity	>95%	100.00% (245 nm)
MS	Conforms to Structure	Conforms
Water Content	Report Result	5.2% by Karl Fischer

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed.
The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by	Reviewed by	C of A Approved by	Test Date	Retest Date
			7/15/2021	7/13/2028
Swathi Reddy Product Quality Specialist	Henry Tieu Product Quality Specialist	Chanell Chu Jr. Quality Assurance		