

Certificate of Analysis

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Global Supplier of Chemical Probes, Inhibitors & Agonists.

 Product Name
 : Benfotiamine

 Cat. No.
 : PC-45197

 CAS No.
 : 22457-89-2

 Batch No.
 : PC-4519701

Chemical Name : Benzenecarbothioic acid, S-[2-[[(4-amino-2-methyl-5-pyrimidinyl)methyl]formylamino]-1-[2-

(phosphonooxy)ethyl]-1-propen-1-yl] ester

PHYSICAL AND CHEMICAL PROPERTIES

 $\begin{array}{lll} \textbf{Molecular Weight} & \textbf{:} & 466.4479 \\ \textbf{Molecular Formula} & \textbf{:} & C_{19} H_{23} N_4 O_6 PS \\ \end{array}$

Storage : Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance : Solid powder

HNMR Spectrum : Consistent with
HPLC : Consistent with
NP : Consistent with

Purity (HPLC) : >98%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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