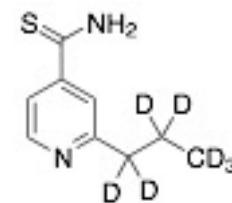


CERTIFICATE OF ANALYSIS**1. Identification**

Catalogue Number P839103 Lot Number 32-AZC-168-1

Product Name
Protonamide-d7

StructureSynonyms

2-Propyl-4-pyridinecarbothioamide-d7; 2-Propylthioisonicotinamide-d7; 2-Propylisonicotinylthioamide; 9778 R. P.; Ektebin; Prothionamide; Proton-d7; Protonamid; Protonizina-d7; RP 9778-d7; TH 1321-d7; Tebeform-d7; Trevintix-d7; Tuberek-d7;

CAS Number

N/A Solubility DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₉H₅D₇N₂S Source of Product Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

187.31 Purity >95%

2. Warnings

Not Determined

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Light Yellow to Yellow Solid	Light Yellow Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	>95%	97.17% (200 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.1%

Additional Information

Normalized Intensity: d₀ = 0.04%, d₁ = 0.02%, d₂ = 0.00%, d₃ = 0.04%, d₄ = 0.00%, d₅ = 0.22%, d₆ = 5.17%, d₇ = 94.52%

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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
R. Lewis Swathi Reddy Product Quality Specialist	Toni Rantanen Manager, Quality Assurance	Chanel Chu Quality Assurance Associate	5/26/2025	5/24/2029