

**1. Identification**Catalogue Number

P839103

Lot Number

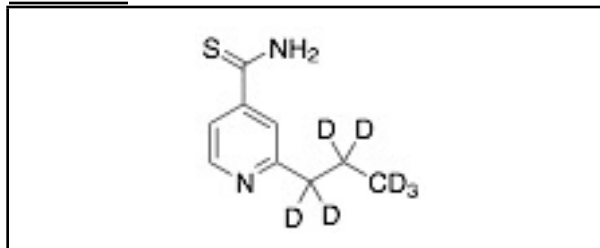
32-AZC-168-1

Product Name

Protionamide-d7

Synonyms

2-Propyl-4-pyridinecarbothioamide-d7; 2-Propylthioisonicotinamide-d7; 2-Propylisonicotinylthioamide; 9778 R. P.; Ektebin; Prothionamide; Protion-d7; Protionamid; Protionizina-d7; RP 9778-d7; TH 1321-d7; Tebeform-d7; Trevintix-d7; Tuborex-d7;

StructureCAS Number

N/A

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_9H_5D_7N_2S$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

187.31

Purity

>95%

2. Warnings

Not Determined

3. Analytical InformationTests

Appearance

Specifications

Light Yellow to Yellow Solid

Results

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 InformationNormalized Intensity: $d_0 = 0.04\%$, $d_1 = 0.02\%$, $d_2 = 0.00\%$, $d_3 = 0.04\%$, $d_4 = 0.00\%$, $d_5 = 0.22\%$, $d_6 = 5.17\%$, $d_7 = 94.52\%$ 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. SignaturesReviewed by

R. Swathi

Swathi Reddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Quality Assurance Associate

Test Date

5/26/2025

Retest Date

5/24/2029