

1. Identification

Catalogue Number

M320285

Lot Number

6-RPY-40-1

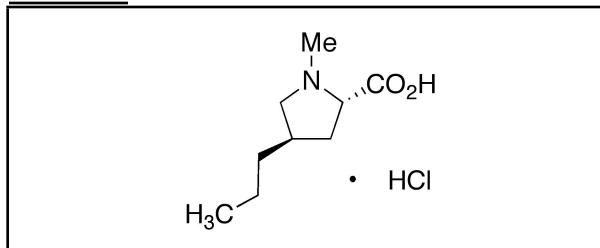
Product Name

(4R)-1-Methyl-4-propyl-L-proline Hydrochloride

Synonyms

L-trans-1-Methyl-4-propyl-proline Hydrochloride; 4-n-Propyl Hygic Acid Hydrochloride; trans-Propylhygic Acid Hydrochloride; 1-Methyl-4-propyl-L-trans-proline Hydrochloride;

Structure



CAS Number

6734-79-8

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₉H₁₇NO₂•HCl

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

171.24 + 36.46

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Brown Solid

Results

Pale Beige to Pale Brown Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 50.10, %H: 8.56, %N: 7.00

HPLC Purity

>95%

99.02% (ELSD)

MS

Conforms to Structure

Conforms

Chloride Content

Report Result

17.7%

Specific Rotation

Report Result

-46.1° (c = 0.1, Methanol)

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 ± 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

R. Reddy

Reviewed by

Toni Rantanen

C of A Approved by

Chanell Chu

Test Date

11/28/2024

Retest Date

11/26/2028

Swathi Reddy

Product Quality Specialist

Toni Rantanen

Manager, Quality Assurance

Chanell Chu

Quality Assurance Associate