

1. Identification

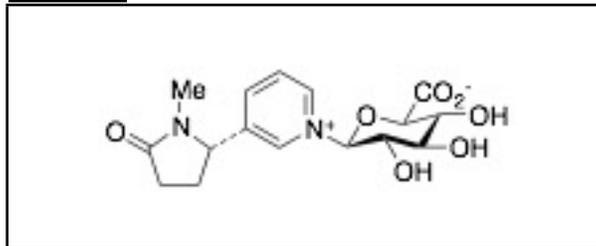
Catalogue Number

C725175

Lot Number

10-MRS-30-4

Structure



Product Name

Cotinine N-b-D-Glucuronide

Synonyms

1-β-D-Glucopyranuronosyl-3-[(2S)-1-methyl-5-oxo-2-pyrrolidinyl]pyridinium Inner Salt; Cotinine-N-glucuronide;

CAS Number

139427-57-9

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₆H₂₀N₂O₇

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

352.34

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Yellow Solid

Results

Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 47.69, %H: 6.07, %N: 6.92

HPLC Purity

>95%

96.44% (270 nm)

MS

Conforms to Structure

Conforms

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

A. Vijaya

Vijaya Annapareddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Sadaf Samadi

Sadaf Samadi

Quality Assurance Associate

Test Date

8/22/2025

Retest Date

8/20/2029