

## 1. Identification

**Catalogue Number**

C725175

**Lot Number**

8-WAI-20-2

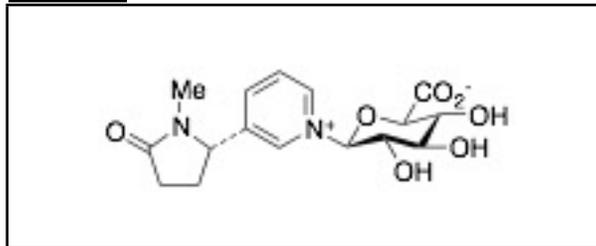
**Product Name**

Cotinine N-b-D-Glucuronide

**Synonyms**

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

**Structure**



**CAS Number**

139427-57-9

**Solubility**

Methanol (Slightly, Sonicated),  
Water (Slightly)

**Shipping Condition**

This Product Is Stable To Be Shipped At Room Temperature

**Molecular Formula**

C<sub>16</sub>H<sub>20</sub>N<sub>2</sub>O<sub>7</sub>

**Source of Product**

Synthetic

**Long Term Storage Conditions**

-20°C, Hygroscopic

**Molecular Weight**

352.34

**Purity**

>95%

## 2. Warnings

Hygroscopic

## 3. Analytical Information

Tests	Specifications	Results
Appearance	White to Pale Yellow Solid	White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 50.45, %H: 6.20, %N: 7.60
HPLC Purity	>95%	96.64% (270 nm)
MS	Conforms to Structure	Conforms
Water Content	Report Result	~3.2% based on Elemental Analysis
Specific Rotation	Report Result	+12.3 (c = 0.1, Water)

**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	Reviewed by	C of A Approved by	Test Date	Retest Date
			8/15/2022	8/13/2026
Nicole Yip Product Quality Specialist	Toni Rantanen Manager, Quality Assurance	Chanell Chu Jr. Quality Assurance		