

1. Identification

Catalogue Number

A172083

Lot Number

1-ZPK-151-1

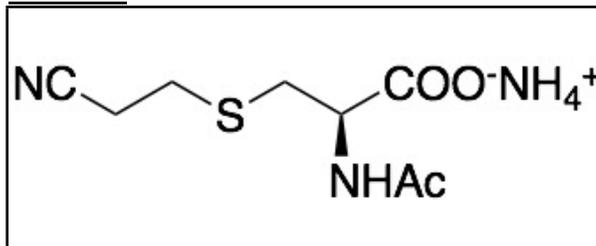
Product Name

N-Acetyl-S-(2-cyanoethyl)-L-cysteine Ammonium Salt

Synonyms

N-Acetyl-S-(2-cyanoethyl)cysteine Ammonium Salt; S-(2-Cyanoethyl) mercapturic Acid Ammonium Salt;

Structure



CAS Number

168208-30-8

Solubility

DMSO (Slightly), Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₈H₁₅N₃O₃S

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

233.29

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 41.26, %H: 6.39, %N: 17.91

HPLC Purity

>95%

99.93% (ELSD)

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

Neha

Neha Khanna

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Jr. Quality Assurance

Test Date

5/2/2023

Retest Date

4/30/2027