

1. Identification

Catalogue Number

TRC-A187885

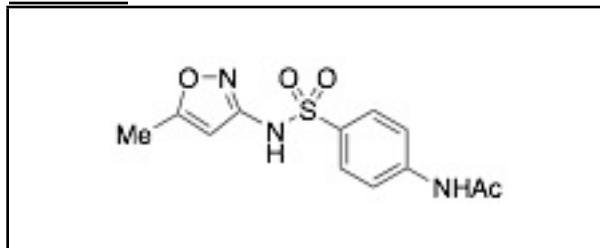
Lot Number

8-ELZ-74-1

Product Name

N-Acetyl Sulfamethoxazole

Structure



Synonyms

N-[4-[[[(5-Methyl-3-isoxazolyl)amino]sulfonyl]phenyl]acetamide; 4'-Acetyl-3-sulfa-5-methylisoxazole; N4-Acetylsulfamethoxazole; N4-Acetylsulfisomezole; STX 606; Sulfisomezole-N4-acetate;

CAS Number

21312-10-7

Solubility

Methanol (Slightly, Heated)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₂H₁₃N₃O₄S

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

295.31

Purity

98%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 48.89, %H: 4.33, %N: 14.05

HPLC Purity

>95%

99.72% (260 nm)

MS

Conforms to Structure

Conforms

Additional Information

Elemental Analysis: (Theoretical) %C: 48.81, %H: 4.44, %N: 14.23

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

Eric J. Beaton

Eric Beaton

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

My Nguyen

My Nguyen

Quality Assurance Associate

Test Date

4/14/2020

Retest Date

4/12/2030