

1. Identification

Catalogue Number

I902230

Lot Number

3-MOO-107-2

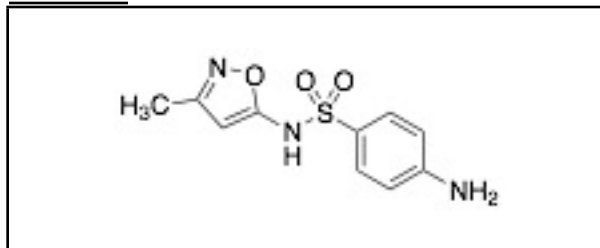
Product Name

Isosulfamethoxazole

Synonyms

4-Amino-N-(3-methyl-5-isoxazolyl)benzenesulfonamide; 5-Sulfanilamido-3-methylisoxazole; N1-(3-Methyl-5-isoxazolyl)sulfanilamide; Sulfamethoxazole Impurity F;

Structure



CAS Number

17103-52-5

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₀H₁₁N₃O₃S

Source of Product

Synthetic

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

253.28

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Off-White to Pale Beige Solid

Results

Pale Beige Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

98.95% (255 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 $\pm 2\%$. 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



Nicole Yip

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Sadaf Samadi

Quality Assurance Associate

Test Date

7/13/2025

Retest Date

7/11/2029