



CERTIFICATE OF ANALYSIS

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1. Identification

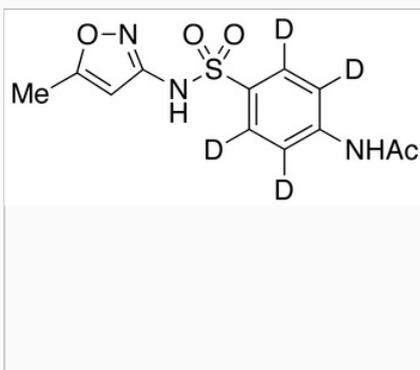
Catalogue Number: A187886

CAS Number: 1215530-54-3

Product: N-Acetyl Sulfamethoxazole-d4 (major)

Synonym: 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;

Structure:



Molecular Formula:

C₁₂H₉D₄N₃O₄S

Molecular weight:

299.34

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 2-JGC-162-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Orange to Brown Solid	Light Brown to Brown Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	98.66% (265 nm)

Additional Information:

Normalized Intensity: d0 = 0.06%, d1 = 0.01%, d2 = 0.00%, d3 = 1.26%, d4 = 51.87%, d5 = 37.06%, d6 = 9.74%

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
Henry Tieu	Toni Rantanen	Chanell Chu	10/11/2022	10/9/2032