



CERTIFICATE OF ANALYSIS

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1. Identification

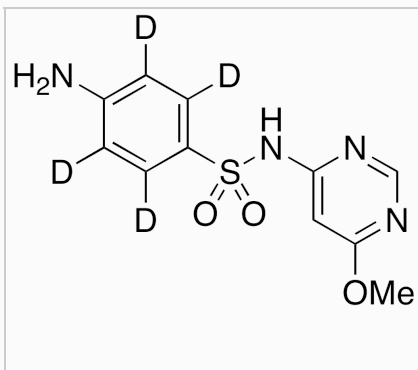
Catalogue Number: S699147

CAS Number: 1286538-12-2

Product: Sulfamonomethoxine-d4

Synonym: 4-Amino-N-(6-methoxy-pyrimidin-4-yl)benzenesulfonamide-d4; 4-Methoxy-6-

Structure:



Molecular Formula:

C₁₁H₈D₄N₄O₃S

Molecular weight:

284.33

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 1-ATH-76-3

Purity: 98%

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

Storage Condition: 4°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Pale Beige Solid	Pale Beige Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.2%
HPLC Purity	>95%	98.75% (275 nm)

Additional Information:

TLC Conditions: SiO₂; Ethyl Acetate : Dichloromethane = 7 : 3;
Visualized with UV and AMCS; Single Spot, R_f = 0.65. Normalized
Intensity: d0 = 0.02%, d1 = 0.01%, d2 = 0.02%, d3 = 3.21%, d4 = 96.74%

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
Eric Beaton	Toni Rantanen	My Nguyen	3/9/2020	3/7/2027