



CERTIFICATE OF ANALYSIS

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1. Identification

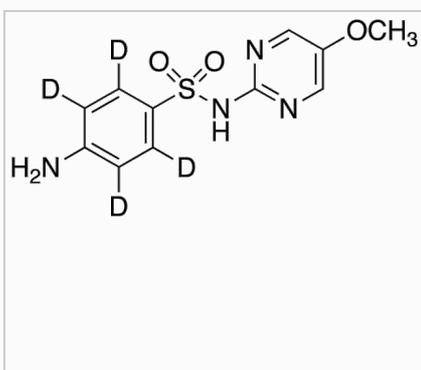
Catalogue Number: S699047

CAS Number: 1189483-96-2

Product: Sulfameter-d4

Synonym: 4-Amino-N-(5-methoxy-2-pyrimidinyl)benzenesulfonamide-d4; 5-Methoxysulfadiazine-d4; Sulfamethoxydiazine-d4; Sulfametin-d4; Sulfameterine-d4; Sulfamethoxine-d4; AHR-857-d4; Bayrena-d4; Durenat-d4; Kinacid-d4; Kiron-d4; Koroci-d4; Sulla-d4; Ultrax-d4;

Structure:



Molecular Formula:

$C_{11}H_8D_4N_4O_3S$

Molecular weight:

284.33

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly, Sonicated)

Lot Number: 4-KPA-84-1

Purity: 97%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Yellow to Dark Beige Solid	Beige to Dark Yellow Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	97.70% (270 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.7%
Elemental Analysis	Conforms	%C: 46.31, %H: 4.44, %N: 19.52

Additional Information:

Normalized Intensity: d0 = 0.00%, d1 = 0.00%, d2 = 0.00%, d3 = 0.00%, d4 = 0.05%, d5 = 0.96%, d6 = 0.39%, d7 = 6.53%, d8 = 92.07% (based on 2M+Na)

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



Reviewed By

Toni Rantanen



**C of A Approved
By**

Chanell Chu



Test Date

5/16/2022

Retest Date

5/14/2032