



CERTIFICATE OF ANALYSIS

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1. Identification

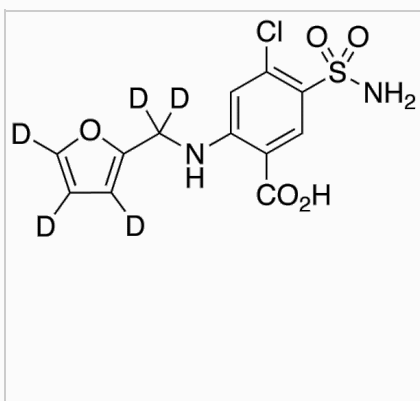
Catalogue Number: F865002

CAS Number: 1189482-35-6

Product: Furosemide-d5

Synonym: 5-(Aminosulfonyl)-4-chloro-2-[(2-furanyl-methyl)amino]benzoic Acid-d5; 4-Chloro-N-furfuryl-5-sulfamoylanthranilic Acid-d5; 2-Furfurylamino-4-chloro-

Structure:



Molecular Formula:

C₁₂H₆D₅ClN₂O₅S

Molecular weight:

335.77

Source of Product:

Synthetic

Solubility:

Acetone (Slightly), Chloroform (Very Slightly), DMSO (Slightly), Methanol (Sligh

Lot Number: 4-JHY-94-1

Purity: 95%

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	White to Pale Yellow Solid	Pale Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 41.25, %H: 3.25, %N: 8.24
HPLC Purity	Report Result	99.56% (230 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.7%

Additional Information:

Normalized Intensity: d0 = 0.12%, d1 = 0.04%, d2 = 0.22%, d3 = 0.16%, d4 = 4.66%, d5 = 94.79%

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
Sarbjeet Kaur	Toni Rantanen	Chanell Chu	8/9/2022	8/7/2026