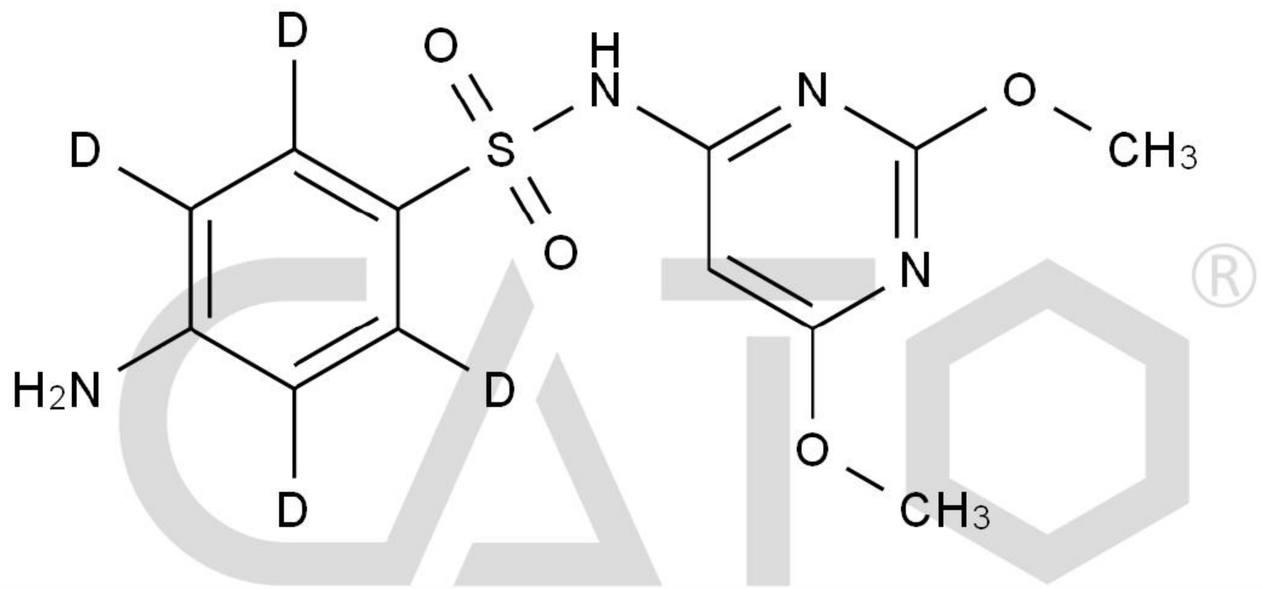
Certificate of Analysis

Reference Material & Standard

Product Name:	Sulfadimethoxine-D4	**Catalogue Number:**	CCAD300657
Synonyms:	N/A	**Lot Number:**	0612-RG-0073
CAS Number:	1020719-80-5	**Expiry Date:**	Mar 05, 2028
Molecular Formula:	C12H10D4N4O4S	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	314.35	**Warning:**	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	98.6%
Isotopic Purity		99.1%
Uncertainty		±0.3%

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Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by: Lisa Date: Jun 16, 2025

Reviewed by: Yuki Date: Jun 16, 2025

Approved by General Manager: David Date: Jun 16, 2025

CATO Research Chemicals Inc.