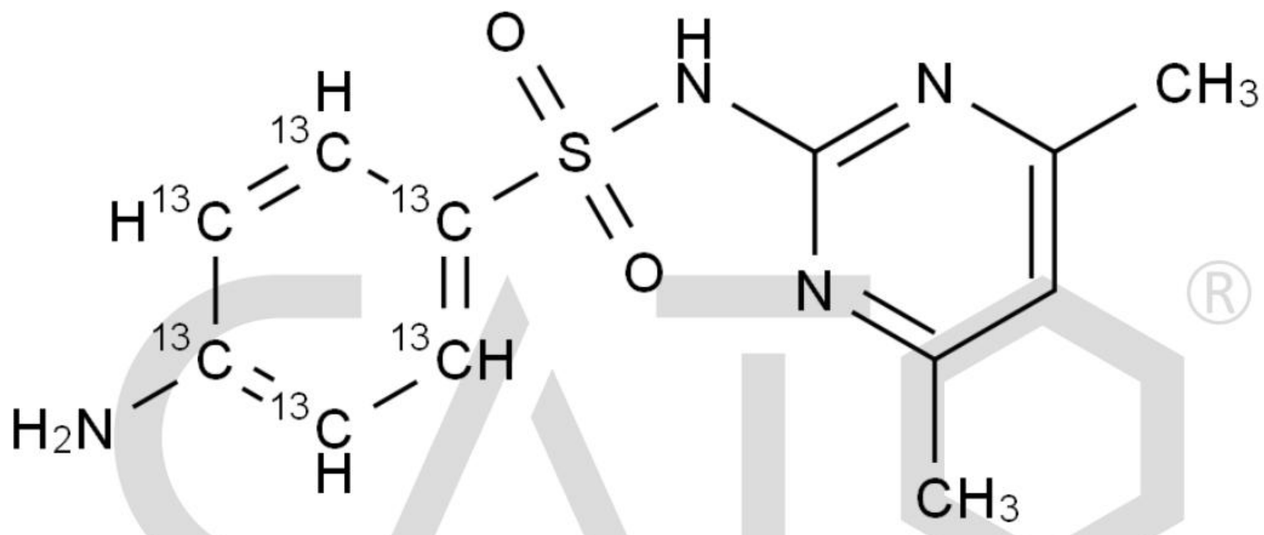
Certificate of Analysis

Reference Material & Standard

Product Name:	Sulfadimidine-13C6	**Catalogue Number:**	CCAD302239
Synonyms:	N/A	**Lot Number:**	1028-RH-0131
CAS Number:	77643-91-5	**Expiry Date:**	Jul 02, 2030
Molecular Formula:	$C_6[13C]_6H_{14}N_4O_2S$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	284.29	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Beige Crystalline Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	98.9%
Isotopic Purity		99.3
Uncertainty		±0.2%

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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: Date: Oct 30, 2026

Reviewed by: Date: Nov 02, 2026

Approved by General Manager: Date: Nov 02, 2026

CATO Research Chemicals Inc.