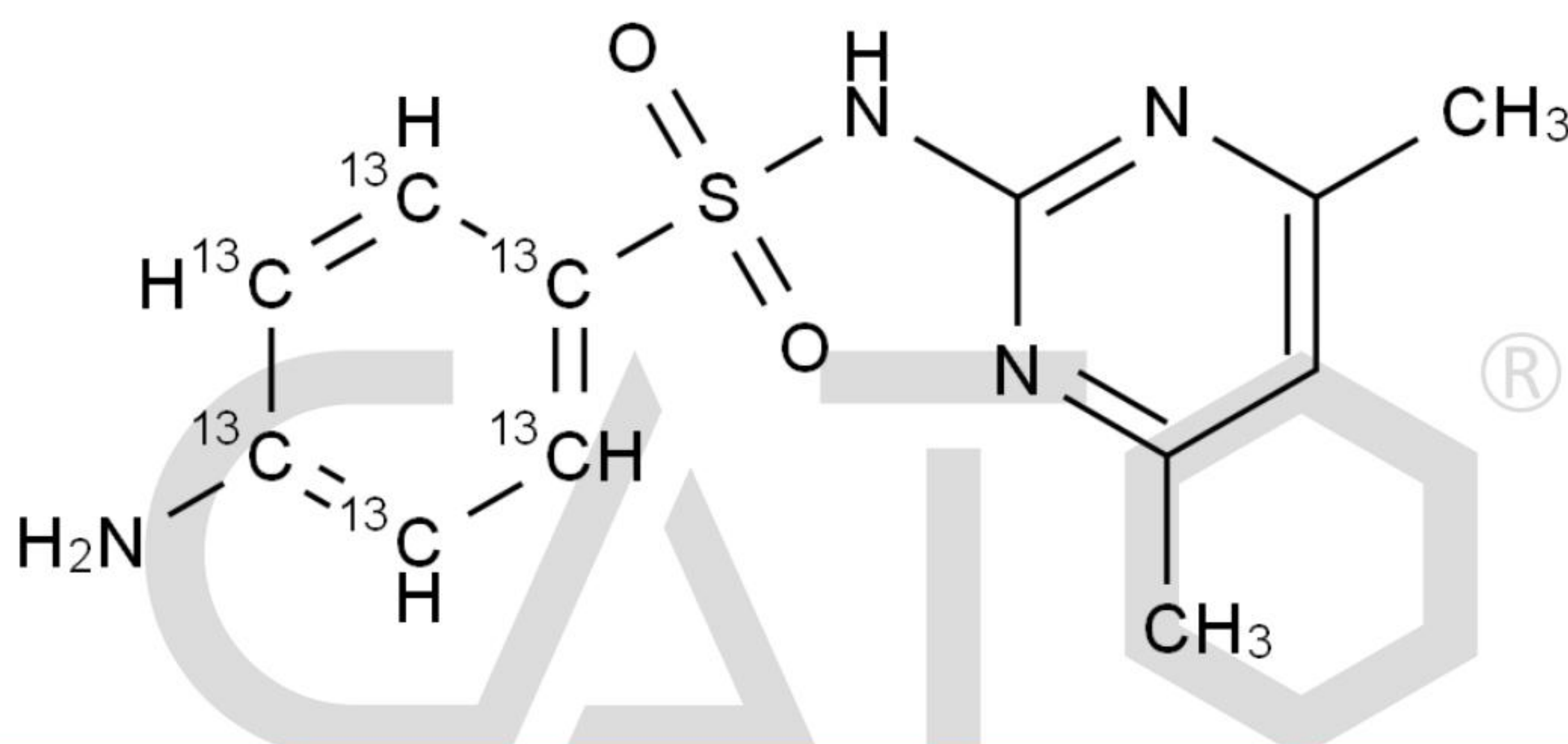


Certificate of Analysis

Reference Material & Standard

Product Name:	Sulfadimidine-13C6	Catalogue Number:	CCAD302239
Synonyms:	N/A	Lot Number:	0327-RH-0125
CAS Number:	77643-91-5	Expiry Date:	Mar 29, 2030
Molecular Formula:	C ₆ [¹³ C] ₆ H ₁₄ N ₄ O ₂ S	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	99.4%
Isotopic Purity		99.8%
Uncertainty		±0.1%

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

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Apr 01, 2026

Date: Apr 01, 2026

Date: Apr 01, 2026

