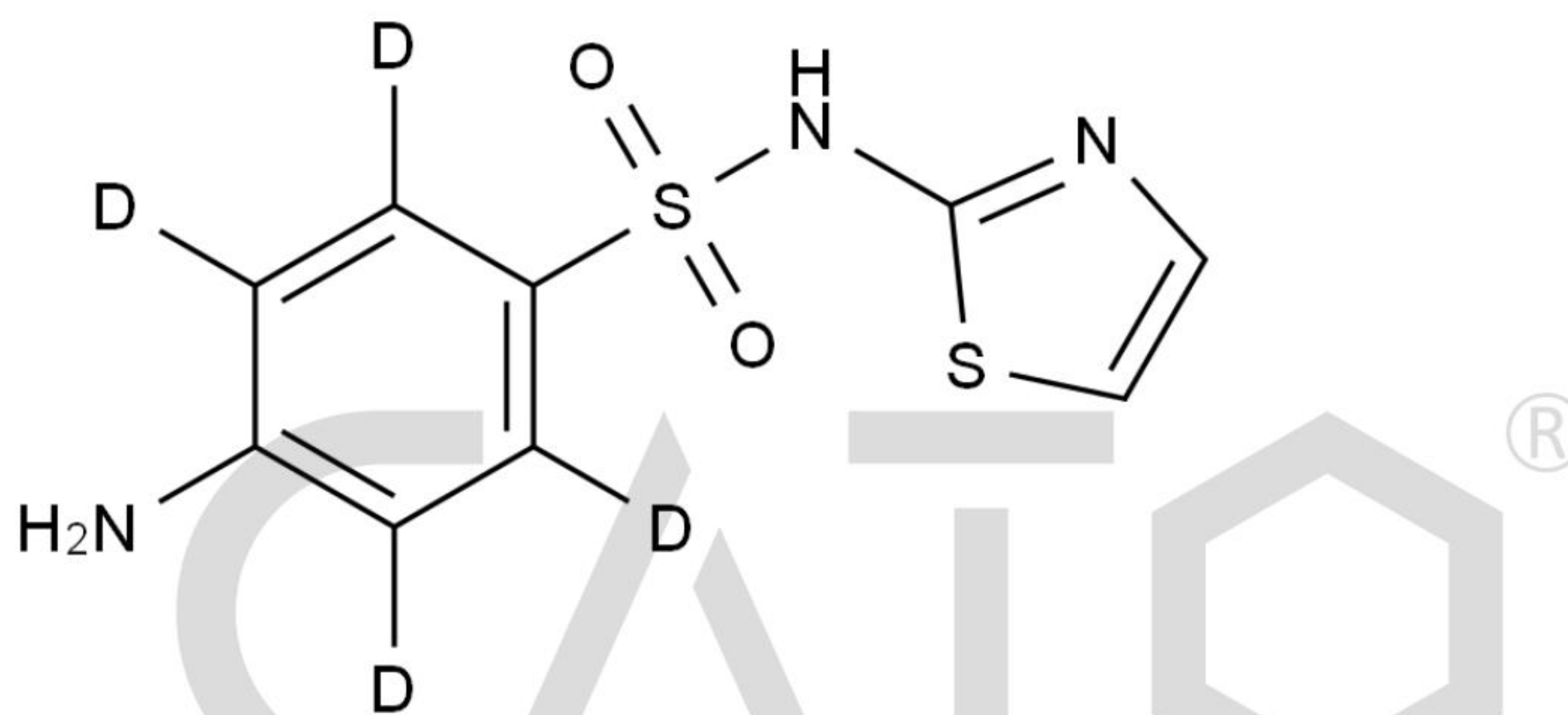


Certificate of Analysis

Reference Material & Standard

Product Name:	Sulfathiazole-D4	Catalogue Number:	CCAD300700
Synonyms:	N/A	Lot Number:	0515-RG-0103
CAS Number:	1020719-89-4	Expiry Date:	Feb 25, 2028
Molecular Formula:	C ₉ H ₅ D ₄ N ₃ O ₂ S ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	259.34		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	100.0%
Isotopic Purity		97.7%
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:

Hinlam

Approved by General Manager:

David

Date: May 16, 2025

Date: May 16, 2025

Date: May 16, 2025

