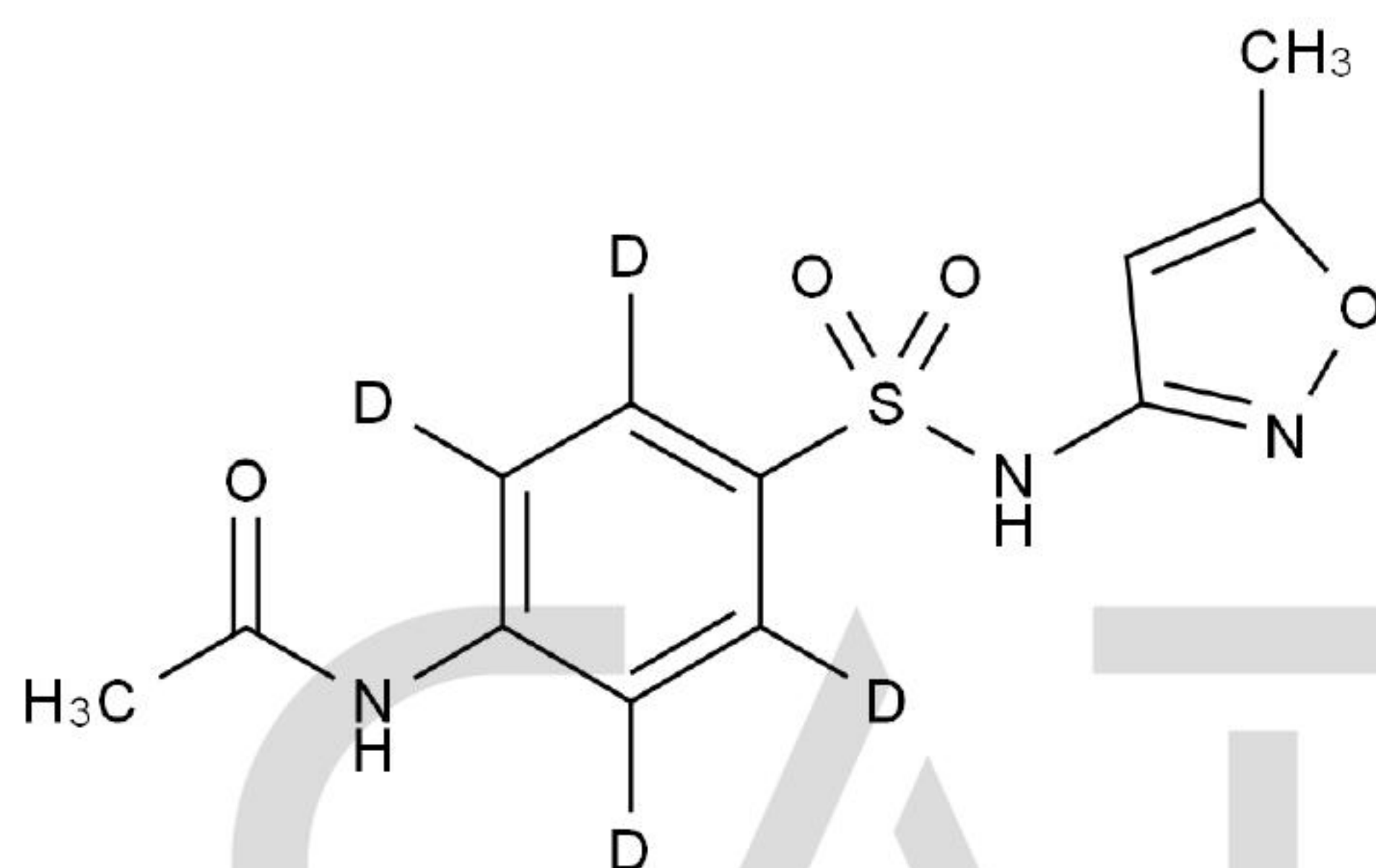


Certificate of Analysis

Reference Material

Product Name:	Acetylsulfamethoxazole-d4	Catalogue Number:	CCAD301653
Chemical Name:	N/A	Lot Number:	1227-RD-0065
CAS Number:	1215530-54-3	Expiry Date:	Mar 02, 2026
Molecular Formula:	C ₁₂ H ₉ D ₄ N ₃ O ₄ S	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	299.34		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Orange Light Brown Solid
Purity	UPLC	99.87%
Water Content	Karl Fischer	0.97%
Assay		98.9%
Uncertainty		±2.0%

Comment:

1. No chromatogram available.
2. The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity UPLC (\%)} / 100\%$$

Water Content is considered as absolute effect, UPLC purity is considered as relative effect.
3. 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:

Xenia

Reviewed by:

Hinlam

Aporoved by General manager:

David

Date: Mar 03, 2022

Date: Dec 28, 2022

Date: Dec 28, 2022

