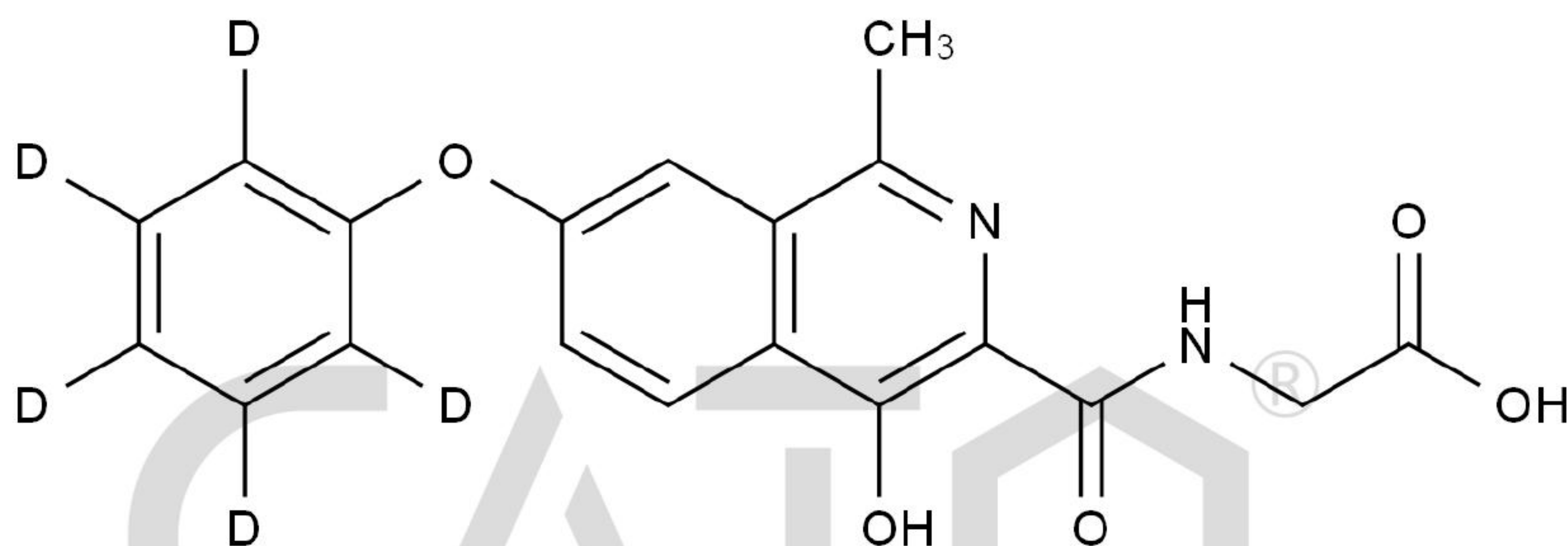


Certificate of Analysis

Reference Material & Standard

Product Name:	Roxadustat-d5	Catalogue Number:	C4X-22136
Synonyms:	N/A	Lot Number:	0102-RF-0001
CAS Number:	2043026-13-5	Expiry Date:	Feb 22, 2026
Molecular Formula:	C ₁₉ H ₁₁ D ₅ N ₂ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	357.37		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&IR&HNMR	Confirmed
Chemical Purity	HPLC	98.82%
Isotopic Purity		98.5%
Water Content	Karl Fischer	0.30%
Residual Solvents	NMR	2.2% ethyl acetate
Assay		96.3%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Aproved by General Manager:

David

Date: Jan 03, 2024

Date: Jan 03, 2024

Date: Jan 03, 2024

