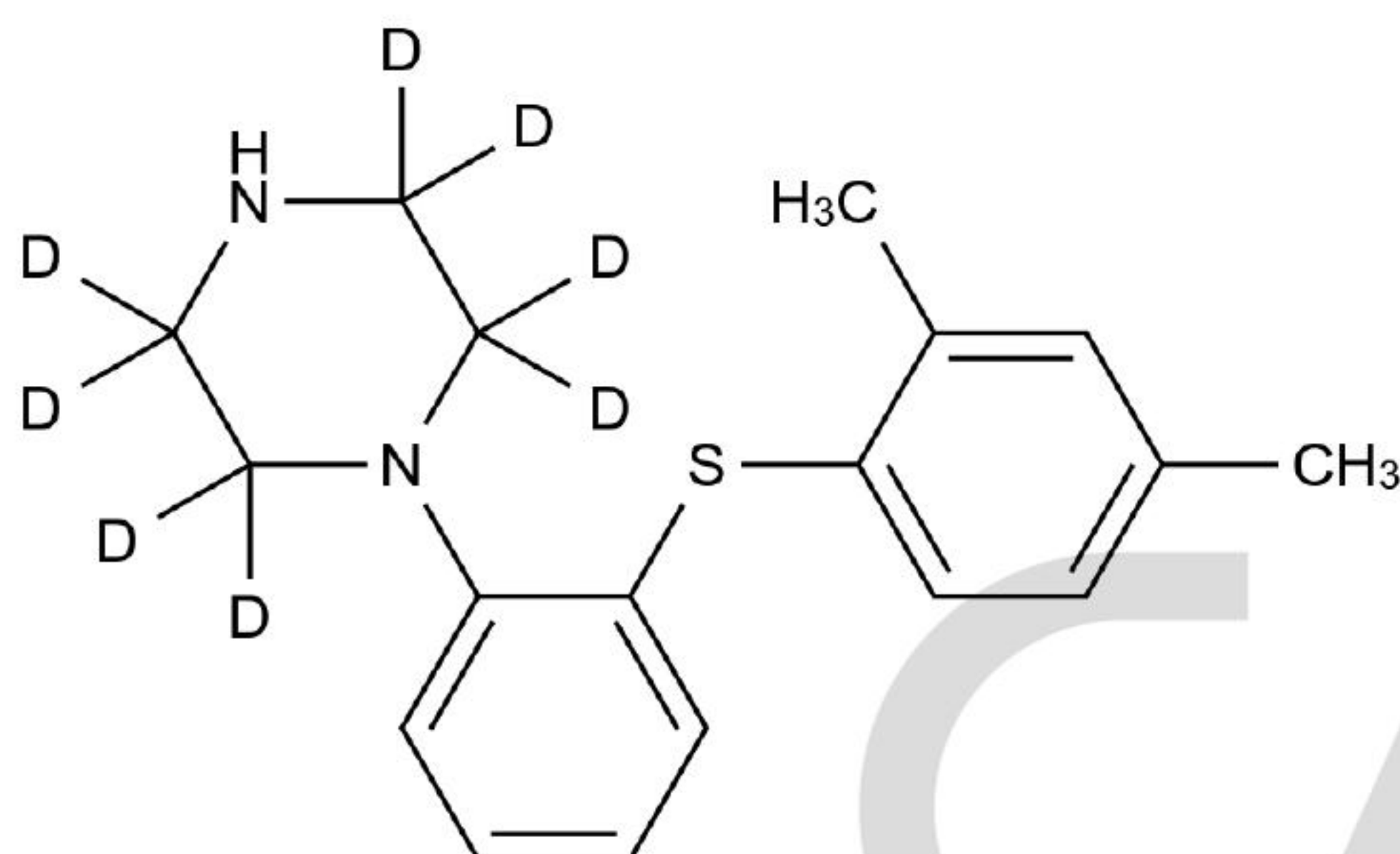


Certificate of Analysis

Reference Material & Standard

Product Name:	Vortioxetine-d8	Catalogue Number:	CCAD303125
Synonyms:	N/A	Lot Number:	0831-RE-0010
CAS Number:	2140316-62-5	Expiry Date:	Feb 28, 2025
Molecular Formula:	C ₁₈ H ₁₄ D ₈ N ₂ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	306.49		

Chemical Structure:



Warning:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&HNMR	Confirmed
Chemical Purity	HPLC	99.7%
Isotopic Purity		98.6%
Assay	qNMR	98.5%
Uncertainty		±2.0%

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

Aproved by General Manager:

David

Date: Sep 01, 2023

Date: Sep 04, 2023

Date: Sep 04, 2023

