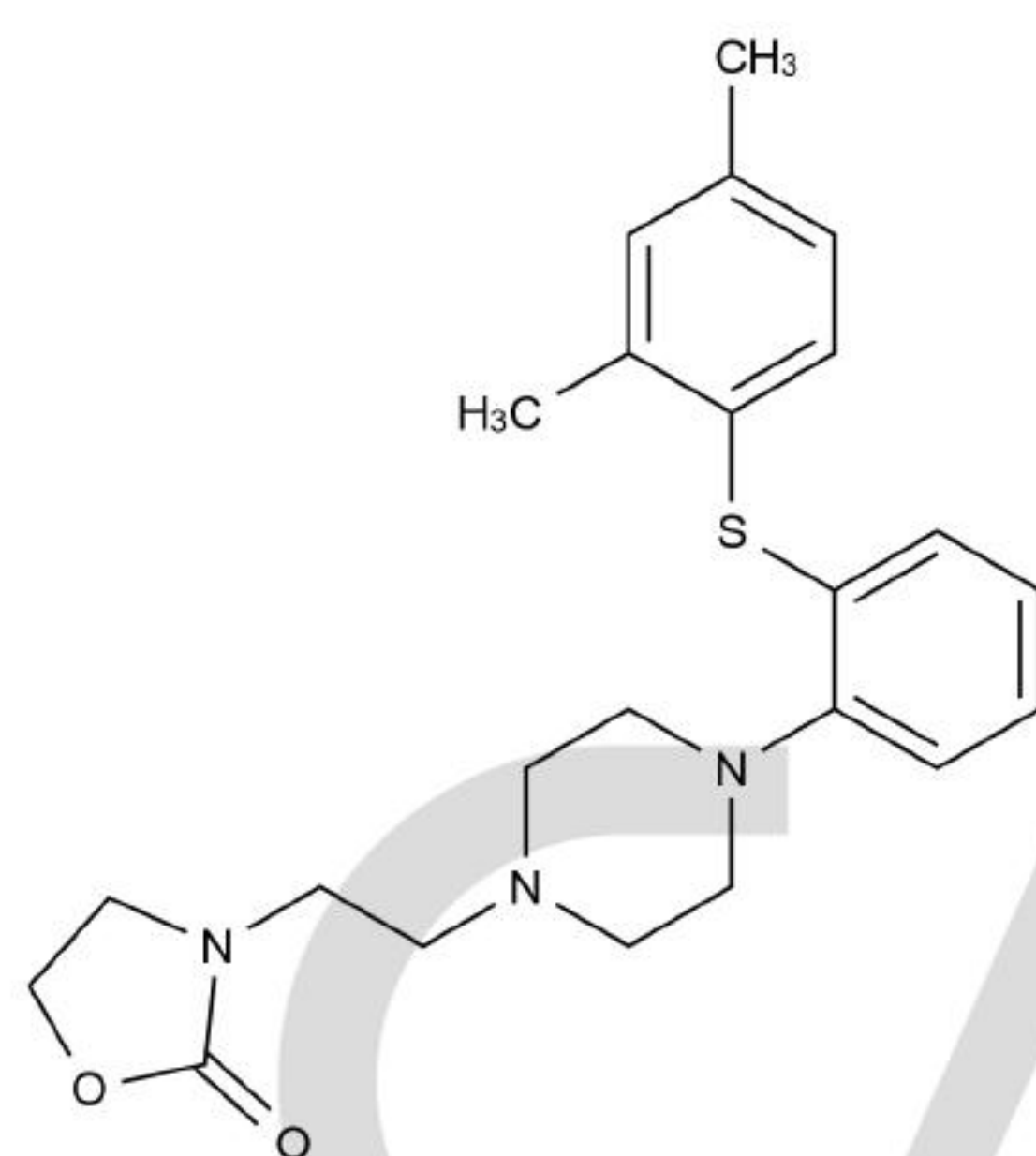


Certificate of Analysis

Reference Material & Standard

Product Name:	Vortioxetine Impurity 148	Catalogue Number:	C4X-1056148
Synonyms:	N/A	Lot Number:	0616-RG-0084
CAS Number:	N/A	Expiry Date:	Jun 17, 2028
Molecular Formula:	C ₂₃ H ₂₉ N ₃ O ₂ S HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	411.56 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.3%
Assay	qNMR	92.4%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jun 18, 2025

Date: Jun 18, 2025

Date: Jun 18, 2025

