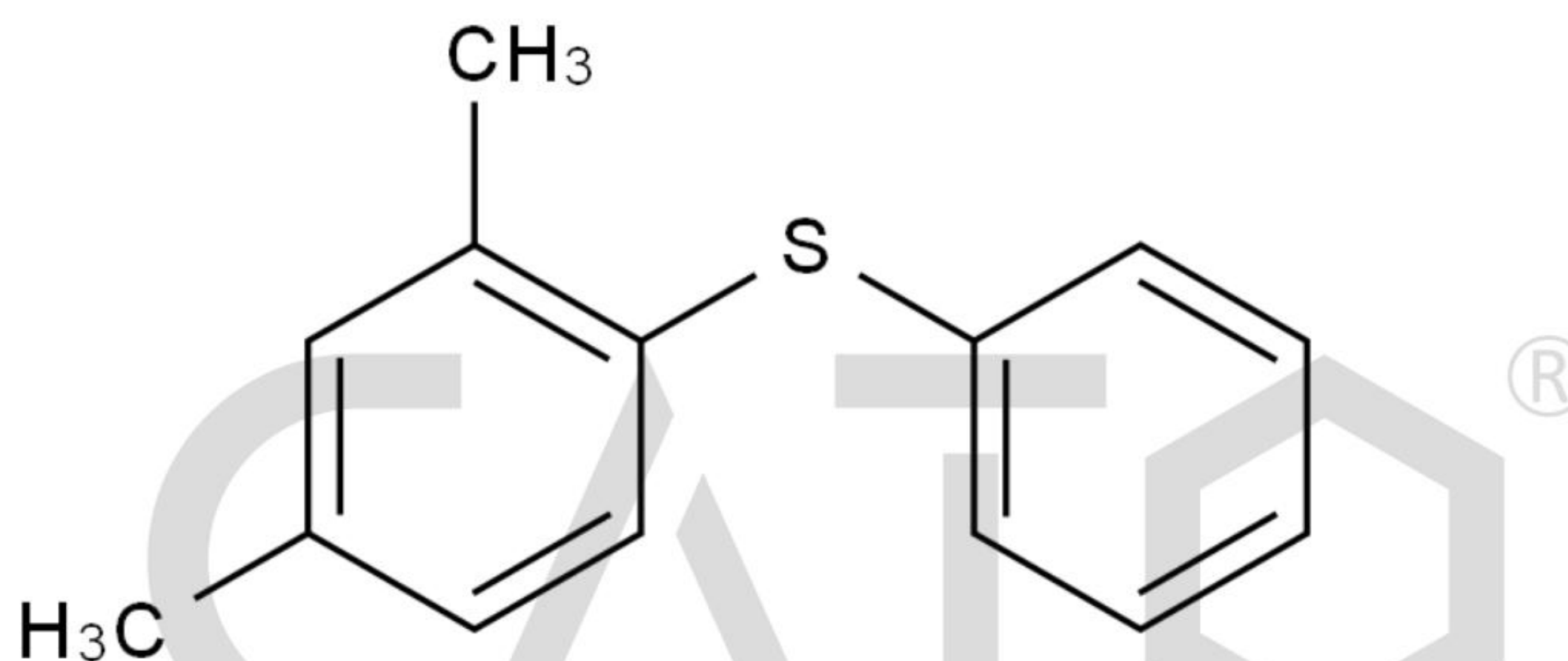


Certificate of Analysis

Reference Material & Standard

Product Name:	Vortioxetine Impurity 5	Catalogue Number:	C4X-10565
Synonyms:	N/A	Lot Number:	0703-RH-0069
CAS Number:	16704-47-5	Expiry Date:	Jul 09, 2030
Molecular Formula:	C ₁₄ H ₁₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	214.33	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	99.627%
Water Content	Karl Fischer	0.2132%
Assay		99.4%

Comment:

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

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

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 10, 2026

Date: Jul 10, 2026

Date: Jul 10, 2026



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