

Certificate of Analysis

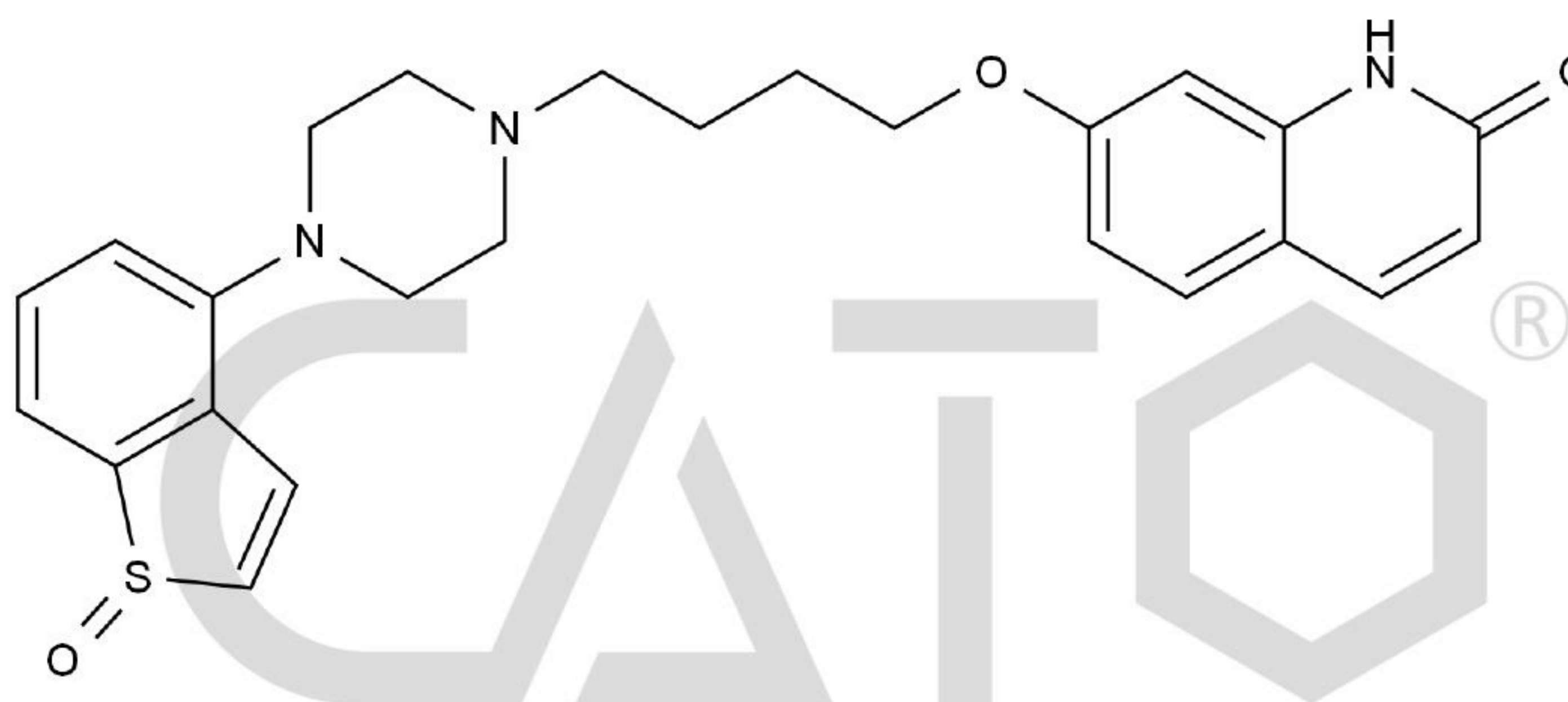
Reference Material & Standard

Product Name:	Brexpiprazole Impurity 28	Catalogue Number:	C4X-113128
Synonyms:	N/A	Lot Number:	0415-RH-0070
CAS Number:	1191900-51-2	Expiry Date:	Mar 19, 2029
Molecular Formula:	C ₂₅ H ₂₇ N ₃ O ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	449.57	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.8806%
Loss on Drying	TGA	2.567%
Assay		97.3%

Comment:

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

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Jul 17, 2026

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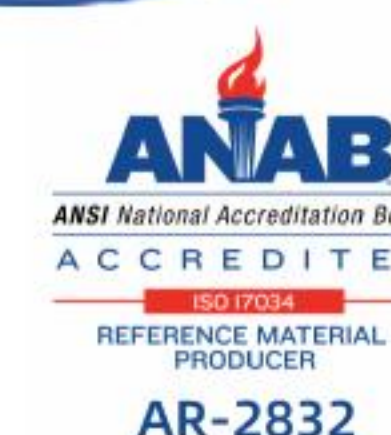
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