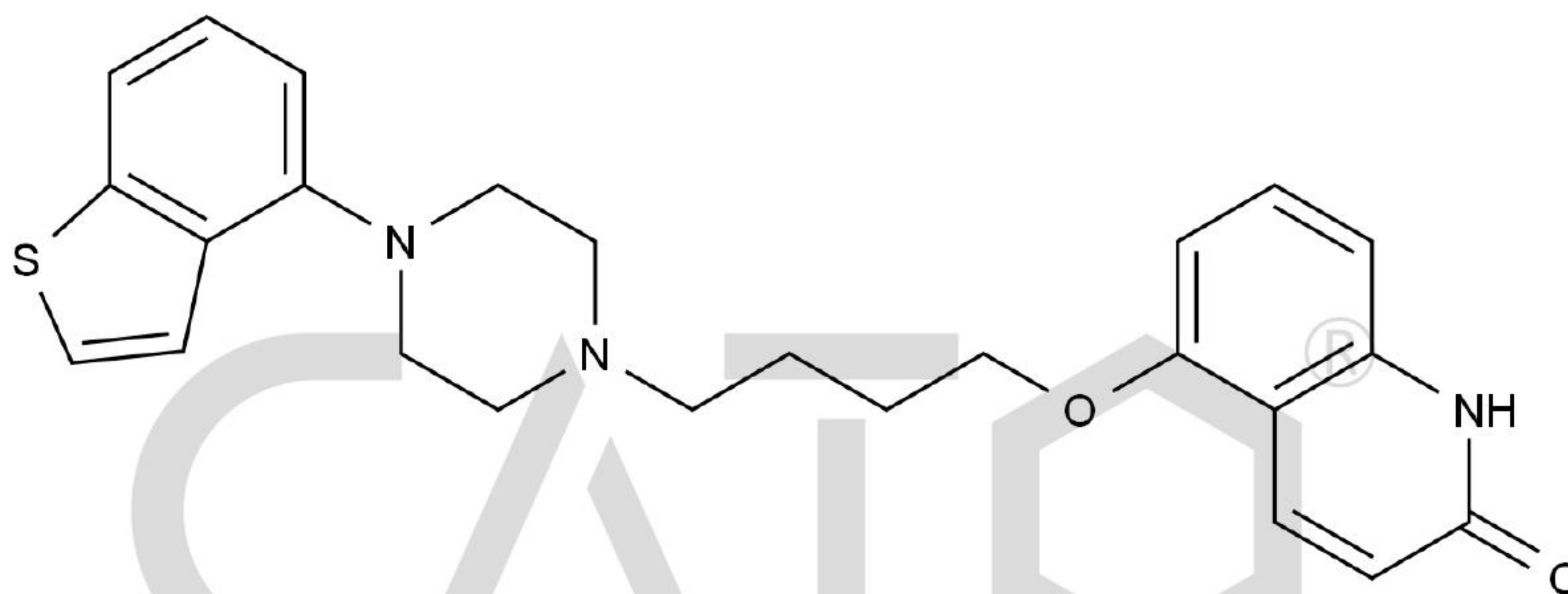


Certificate of Analysis

Reference Material & Standard

Product Name:	Brexiprazole Impurity 17	Catalogue Number:	C4X-113117
Synonyms:	N/A	Lot Number:	0407-RG-0120
CAS Number:	2116542-20-0	Expiry Date:	Apr 08, 2028
Molecular Formula:	C ₂₅ H ₂₇ N ₃ O ₂ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	433.57	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.570%
Loss On Drying	TGA	1.3722%
Assay		98.2%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss On Drying 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: Apr 09, 2025

Date: Apr 10, 2025

Date: Apr 10, 2025

