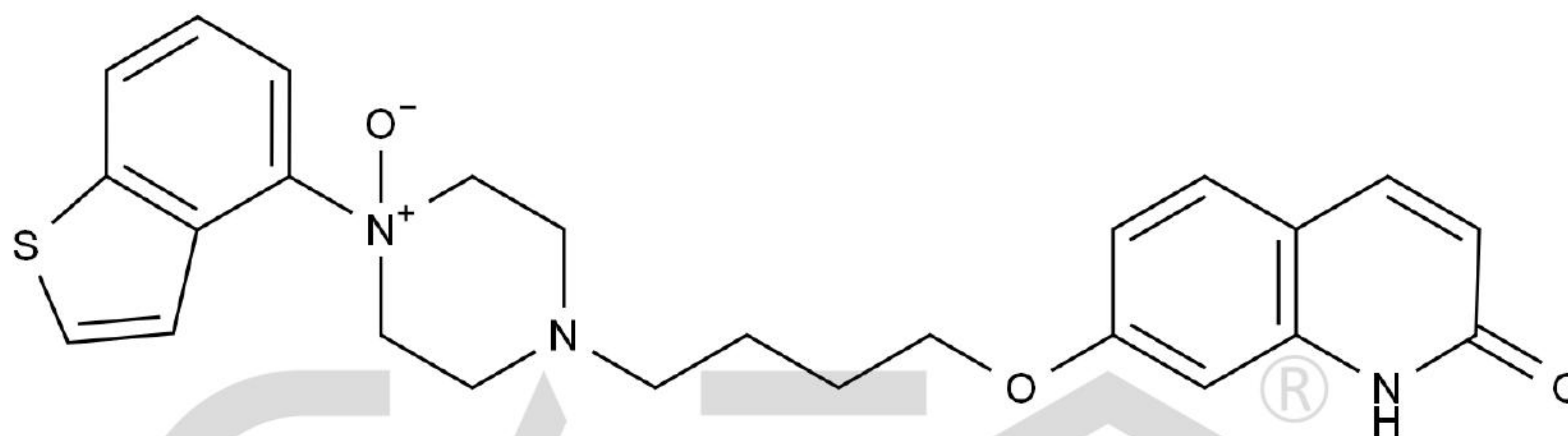


Certificate of Analysis

Reference Material & Standard

Product Name:	Brexiprazole Impurity 57	Catalogue Number:	C4X-113157
Synonyms:	N/A	Lot Number:	0217-RG-0079
CAS Number:	N/A	Expiry Date:	Feb 20, 2028
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		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	95.408%
Loss On Drying	TGA	1.6327%
Assay		93.9%

Comment:

The calculation of the 100% 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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Apr 16, 2025

Date: Apr 17, 2025

Date: Apr 17, 2025

