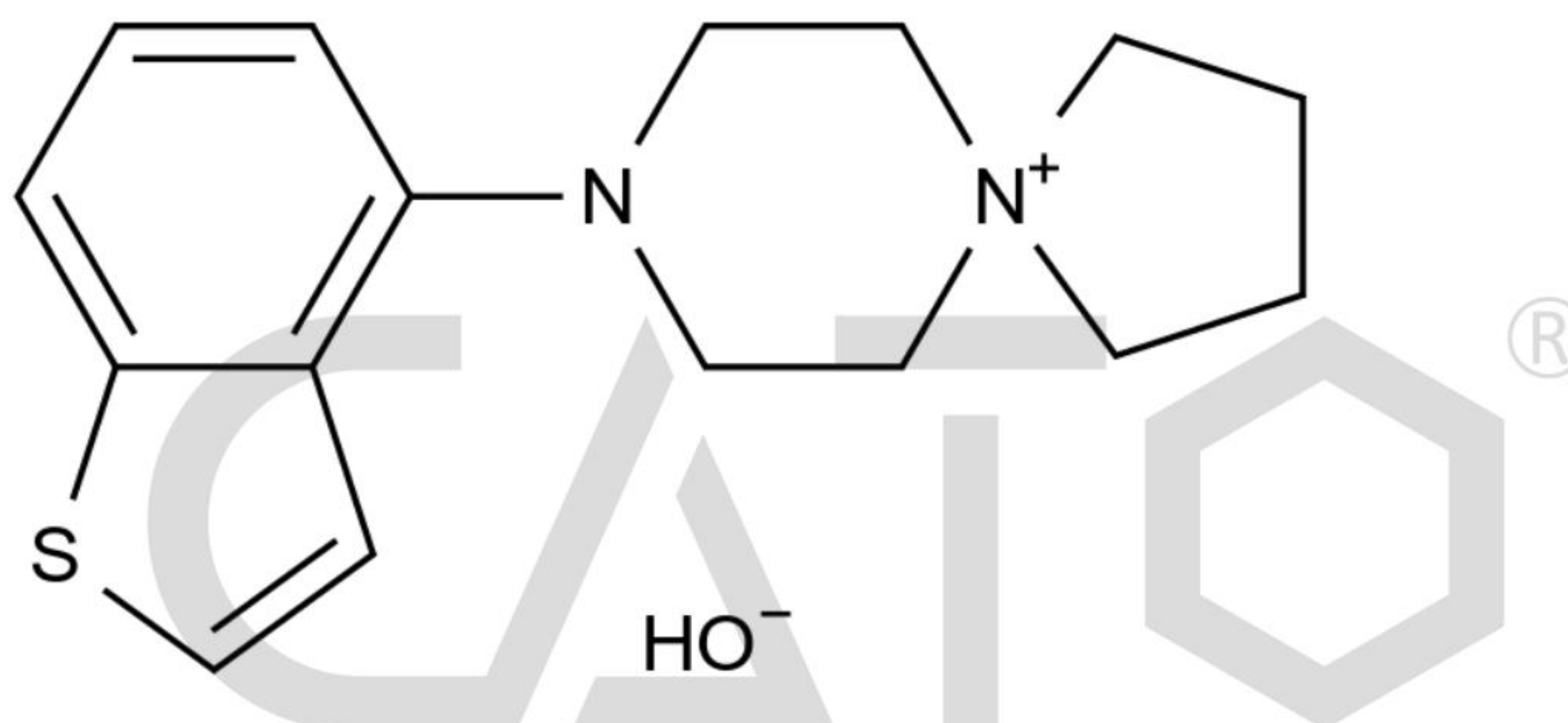


Certificate of Analysis

Reference Material & Standard

Product Name:	Brexiprazole impurity 107	Catalogue Number:	C4X-1131107
Synonyms:	N/A	Lot Number:	0227-RH-0062
CAS Number:	2549192-46-1(free base)	Expiry Date:	Feb 28, 2030
Molecular Formula:	C ₁₆ H ₂₁ N ₂ S HO	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	273.42 17.01	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.683%
Loss On Drying	TGA	1.6631%
Assay		98.0%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Mar 04, 2026

Date: Mar 05, 2026

Date: Mar 05, 2026



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