

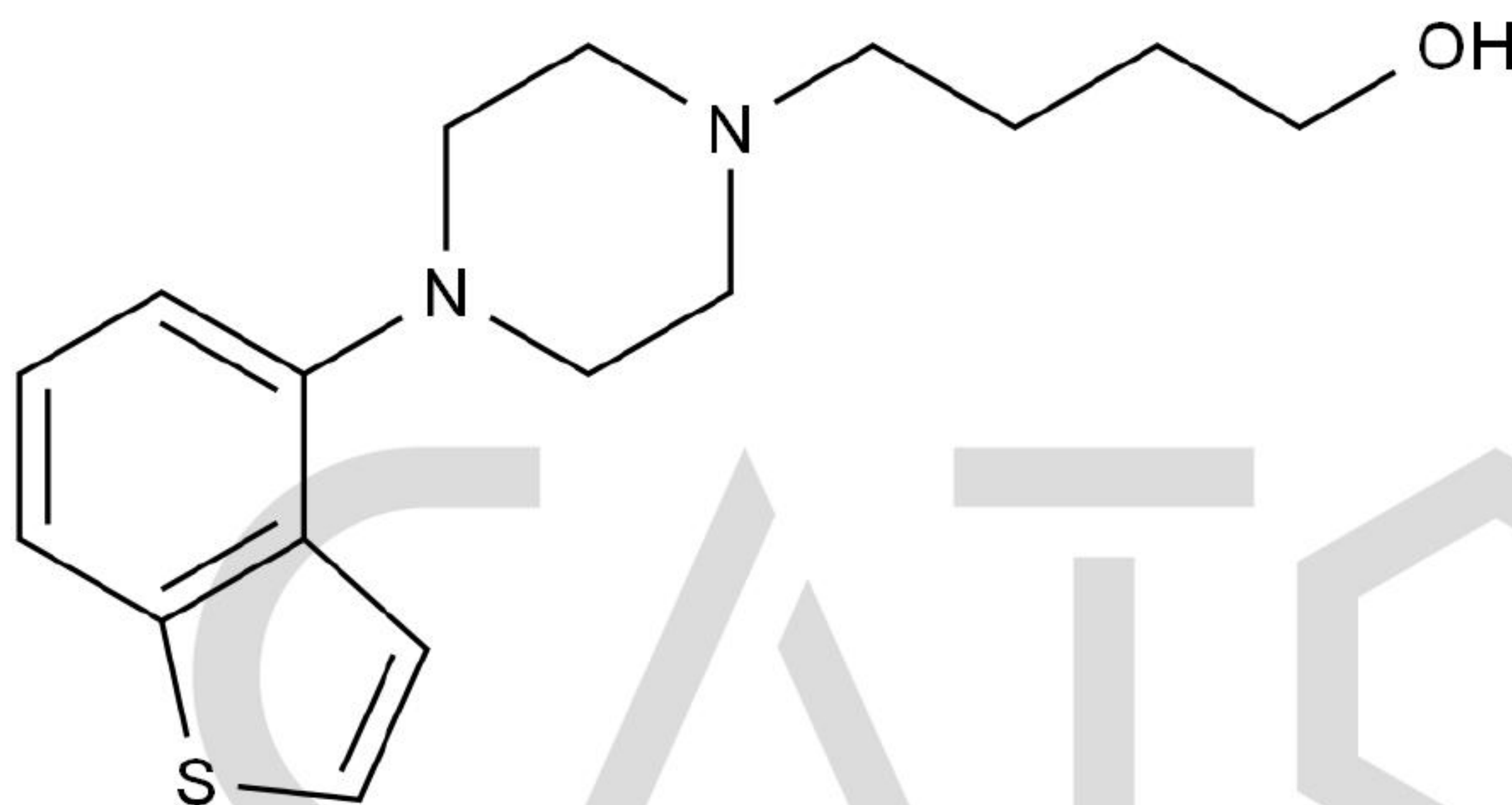
Certificate of Analysis

Reference Material & Standard

Product Name:	Brexpiprazole Impurity 29	Catalogue Number:	C4X-113129
Synonyms:	N/A	Lot Number:	0129-RF-0085
CAS Number:	913614-15-0	Expiry Date:	Nov 15, 2026
Molecular Formula:	C ₁₆ H ₂₂ N ₂ O ₂ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	290.42	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.861%
Water Content	Karl Fischer	0.40%
Assay		99.5%

Comment:

The calculation of the 100% 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:

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Reviewed by:

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Aproved by General Manager:

David

Date: Jan 29, 2024

Date: Jan 30, 2024

Date: Jan 30, 2024

