

Certificate of Analysis

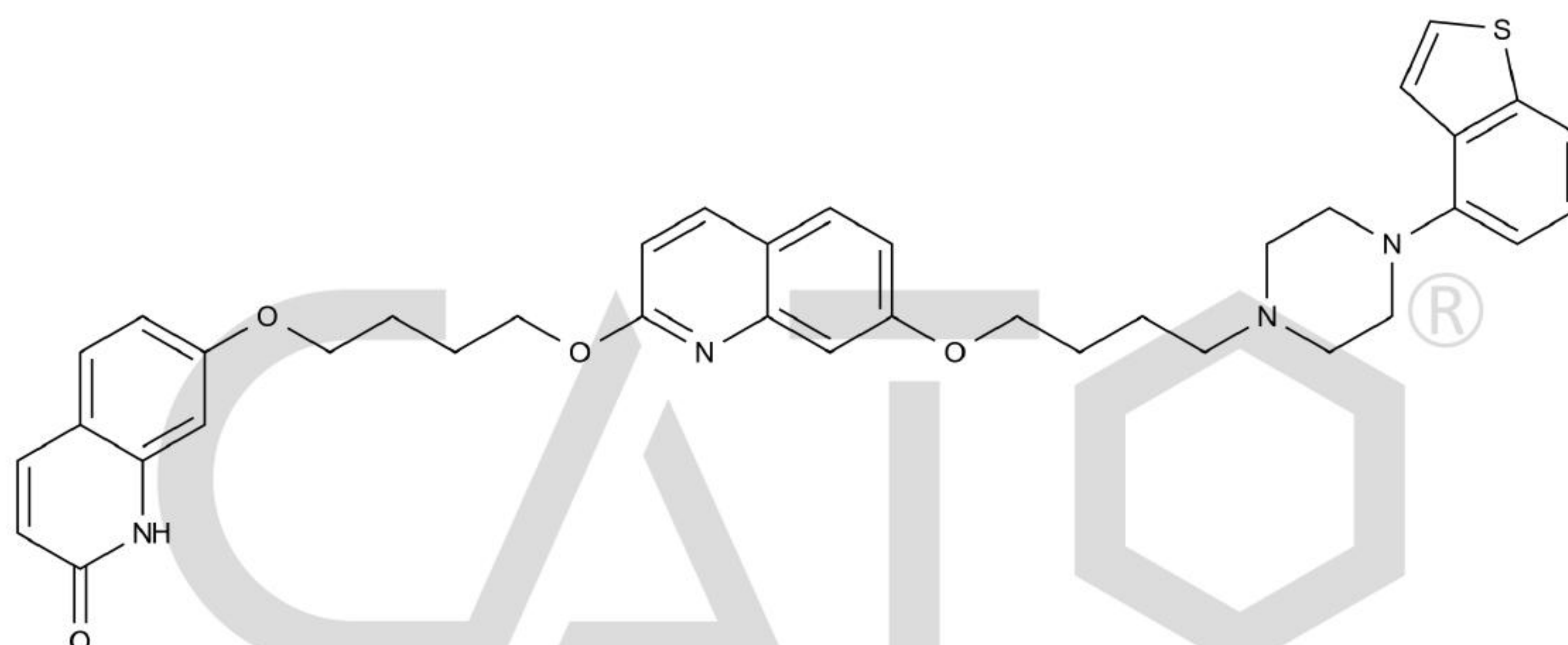
Reference Material & Standard

Product Name:	Brexiprazole Impurity 130	Catalogue Number:	C4X-1131130
Synonyms:	N/A	Lot Number:	0128-RH-0070
CAS Number:	N/A	Expiry Date:	Apr 14, 2028
Molecular Formula:	C ₃₈ H ₄₀ N ₄ O ₄ S HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	648.81 36.46	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



HCl

Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	HRMS&HNMR	Confirmed
Purity	HPLC	99.91%
Loss On Drying	TGA	2.6214%
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: Jan 30, 2026

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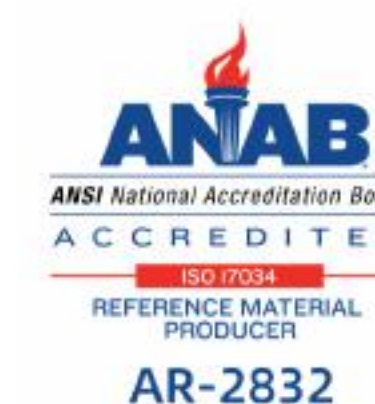
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