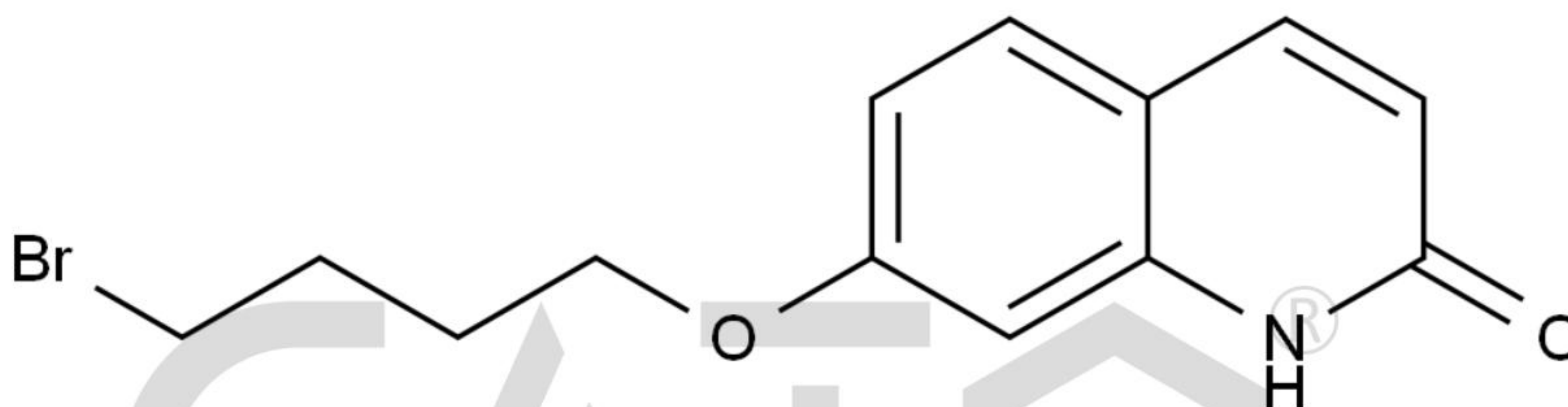


Certificate of Analysis

Reference Material & Standard

Product Name:	Brexpiprazole Impurity 14	Catalogue Number:	C4X-113114
Synonyms:	N/A	Lot Number:	0511-RF-0040
CAS Number:	203395-59-9	Expiry Date:	May 15, 2027
Molecular Formula:	C ₁₃ H ₁₄ BrNO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	296.16	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	96.663%
Loss On Drying	TGA	0.9901%
Assay		95.7%

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 27, 2026

Date: Mar 27, 2026

Date: Mar 27, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

Page 1 of 8



Official WeChat