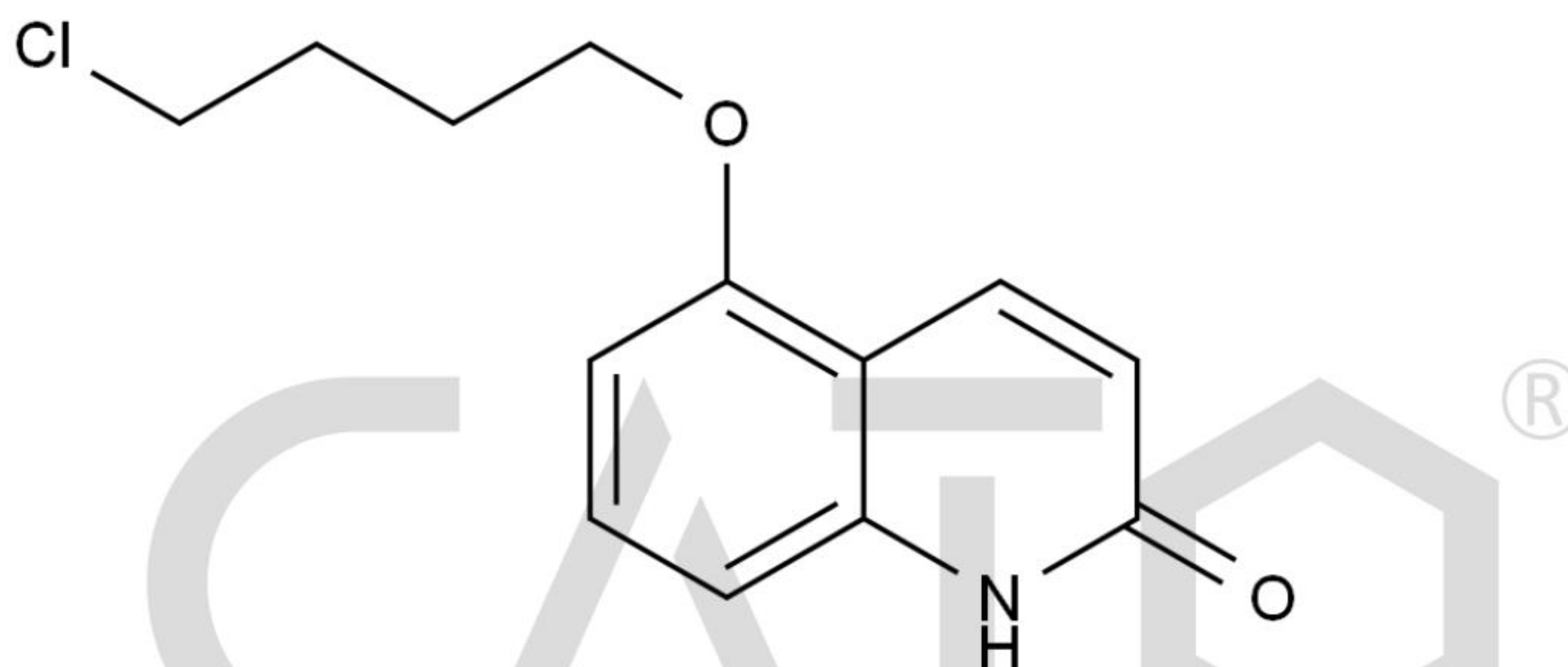


Certificate of Analysis

Reference Material & Standard

Product Name:	Brexiprazole Impurity 16	Catalogue Number:	C4X-113116
Synonyms:	N/A	Lot Number:	0407-RG-0119
CAS Number:	2116542-22-2	Expiry Date:	Apr 08, 2028
Molecular Formula:	C ₁₃ H ₁₄ ClNO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	251.71	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.112%
Loss On Drying	TGA	0.1054%
Assay		98.0%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 09, 2025

Date: Apr 10, 2025

Date: Apr 10, 2025

