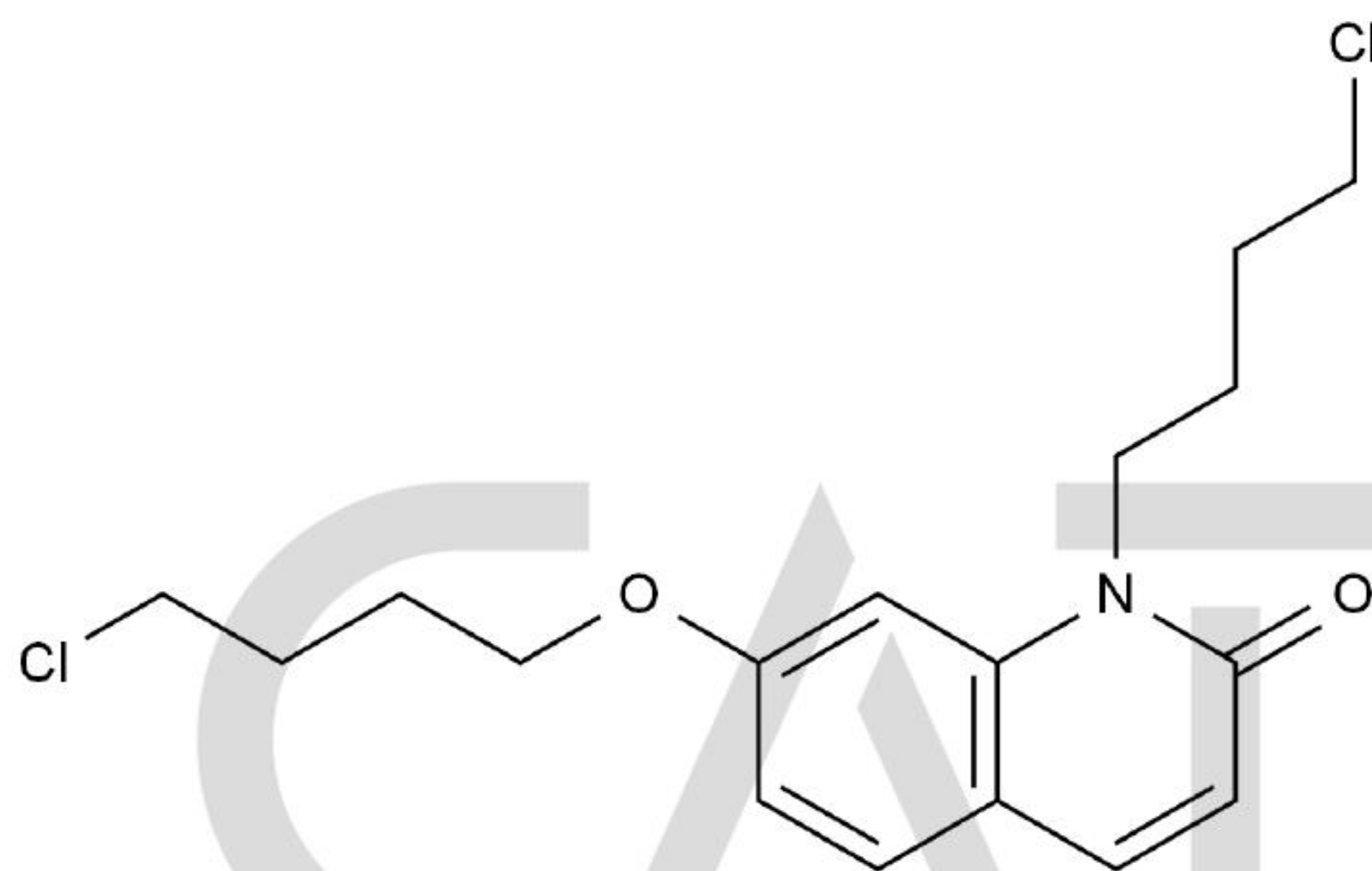


Certificate of Analysis

Reference Material & Standard

Product Name:	Brexiprazole Impurity 21	Catalogue Number:	C4X-113121
Synonyms:	N/A	Lot Number:	0129-RF-0043
CAS Number:	2059954-32-2	Expiry Date:	Feb 01, 2027
Molecular Formula:	C ₁₇ H ₂₁ Cl ₂ NO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	342.26	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.977%
Loss On Drying	TGA	0.0814%
Assay		99.9%

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

Aporoved by General Manager:

David

Date: Feb 02, 2024

Date: Feb 02, 2024

Date: Feb 02, 2024

