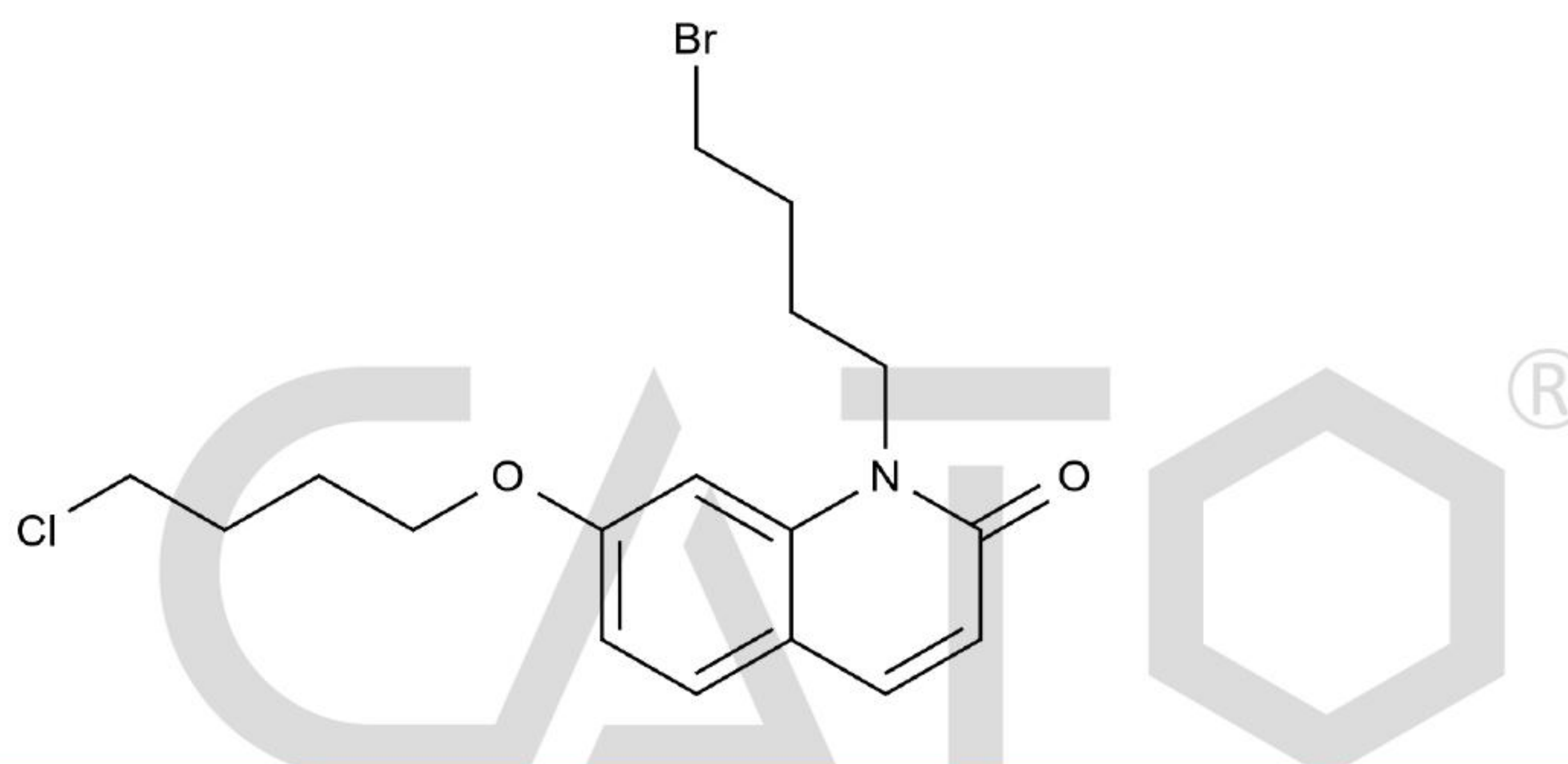


Certificate of Analysis

Reference Material & Standard

Product Name:	Brexiprazole Impurity 91	Catalogue Number:	C4X-113191
Synonyms:	N/A	Lot Number:	0919-RF-0030
CAS Number:	2247155-46-8	Expiry Date:	Sep 19, 2027
Molecular Formula:	C ₁₇ H ₂₁ BrClNO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	386.71	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.630%
Loss on Drying	TGA	0.2641%
Assay		96.4%

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: Sep 20, 2024

Date: Sep 20, 2024

Date: Sep 20, 2024



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