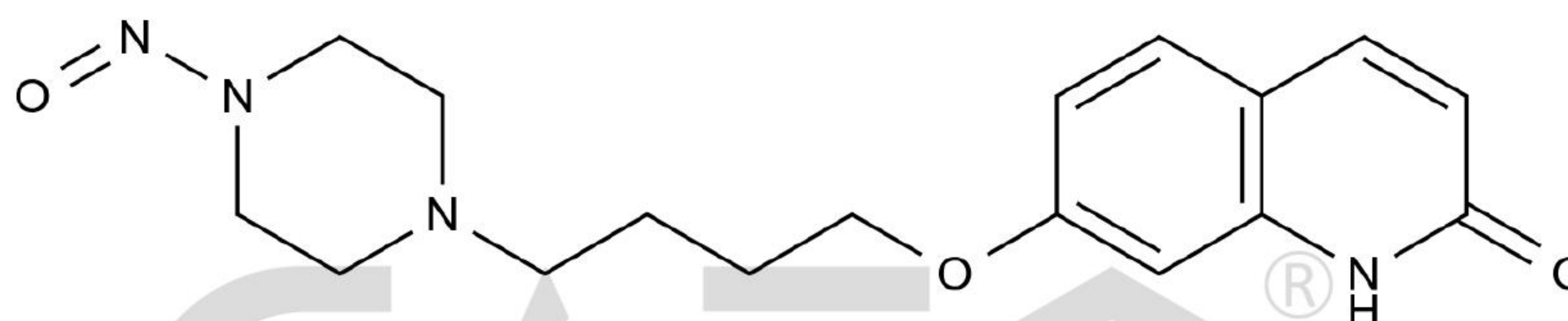


Certificate of Analysis

Reference Material & Standard

Product Name:	Brexpiprazole Impurity 109	Catalogue Number:	C4X-1131109
Synonyms:	N/A	Lot Number:	0320-RH-0053
CAS Number:	N/A	Expiry Date:	Mar 23, 2030
Molecular Formula:	C ₁₇ H ₂₂ N ₄ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	330.38	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	92.814%
Loss On Drying	TGA	6.4398%
Assay		86.8%

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 24, 2026

Date: Mar 24, 2026

Date: Mar 24, 2026



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