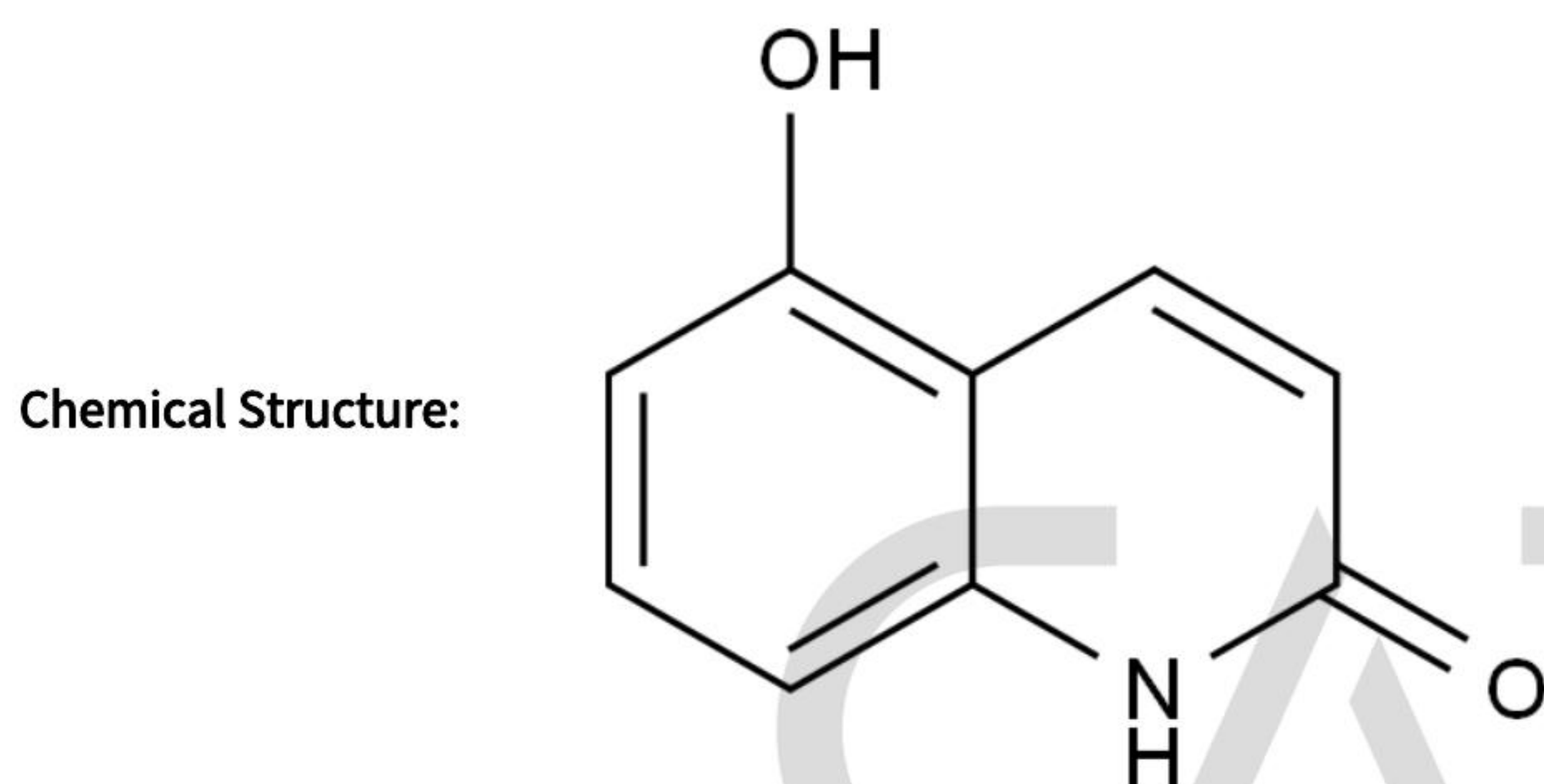


Certificate of Analysis

Reference Material & Standard

Product Name:	Brexpiprazole Impurity 15	Catalogue Number:	C4X-113115
Synonyms:	N/A	Lot Number:	0623-RG-0083
CAS Number:	31570-97-5	Expiry Date:	Jun 24, 2028
Molecular Formula:	C ₉ H ₇ NO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	161.16		



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.092%
Loss On Drying	TGA	0.3894%
Assay		98.7%

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: Jun 25, 2025

Date: Jun 25, 2025

Date: Jun 25, 2025

