

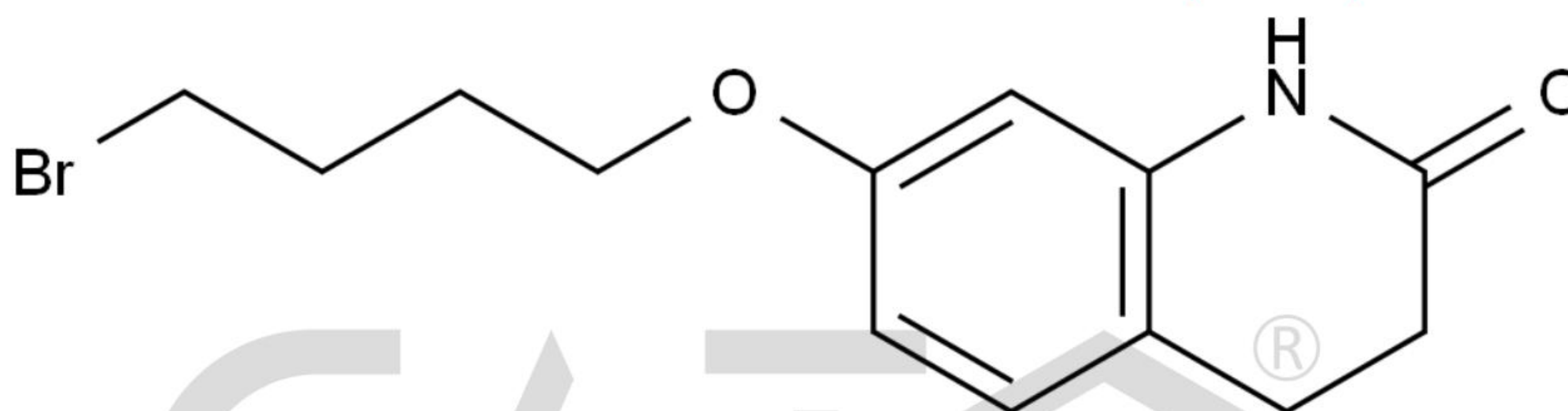
Certificate of Analysis

Reference Material & Standard

Product Name:	Aripiprazole Impurity 3	Catalogue Number:	C4X-10083
Synonyms:	N/A	Lot Number:	0805-RF-0045
CAS Number:	129722-34-5	Expiry Date:	Aug 04, 2027
Molecular Formula:	C ₁₃ H ₁₆ BrNO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	298.18	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.783%
Loss On Drying	TGA	0.0201%
Assay		98.8%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

David

Date: Mar 10, 2025

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