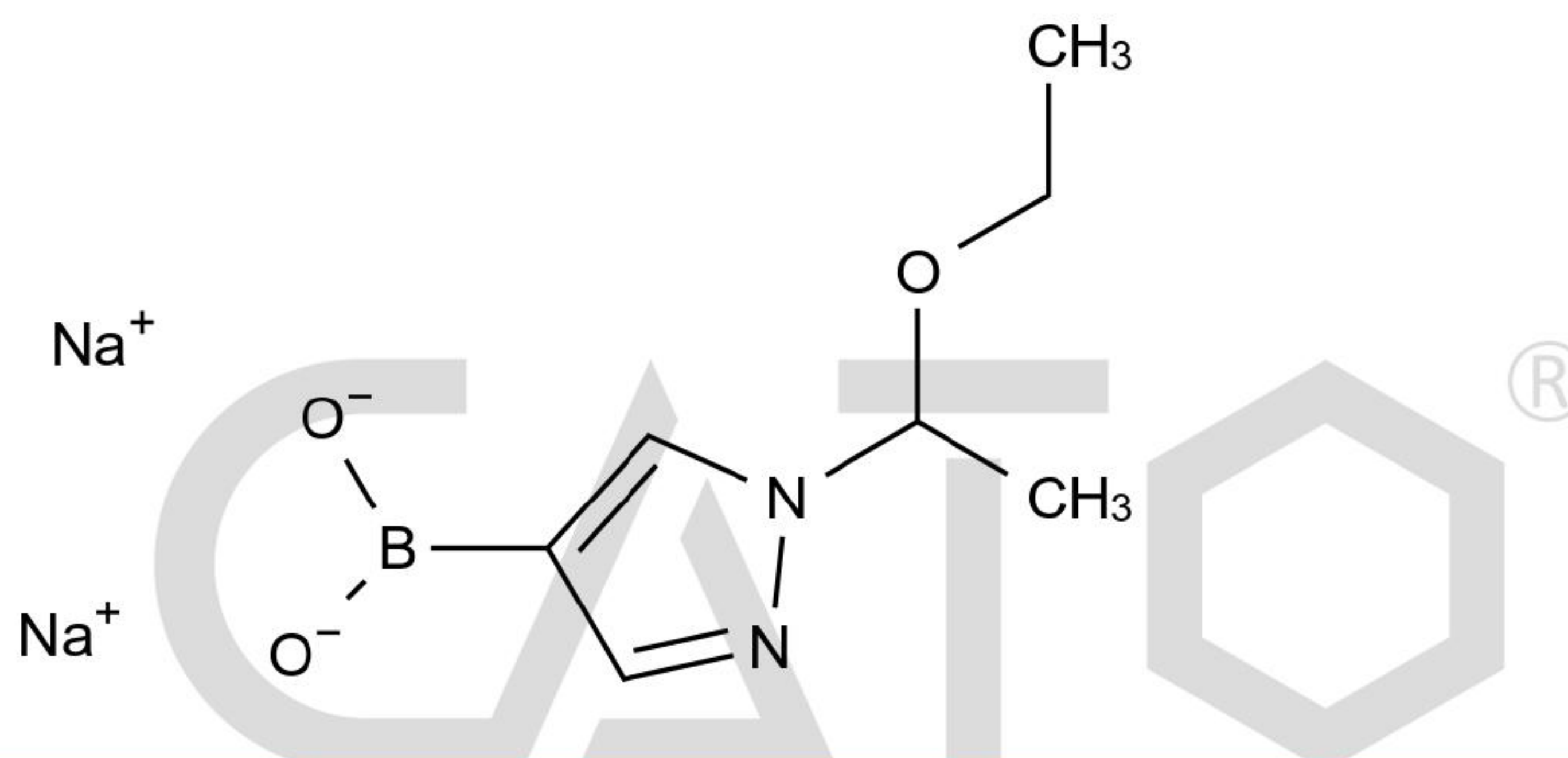


Certificate of Analysis

Reference Material & Standard

Product Name:	Baricitinib Impurity 57	Catalogue Number:	C4X-226057
Synonyms:	N/A	Lot Number:	1015-RG-0074
CAS Number:	2920037-85-8	Expiry Date:	Oct 23, 2029
Molecular Formula:	C ₇ H ₁₁ BN ₂ O ₃ 2*Na	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	181.98 2*22.99	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	96.441%
Loss On Drying	TGA	9.6692%
Assay		87.1%

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: Oct 24, 2025

Date: Oct 24, 2025

Date: Oct 24, 2025



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