

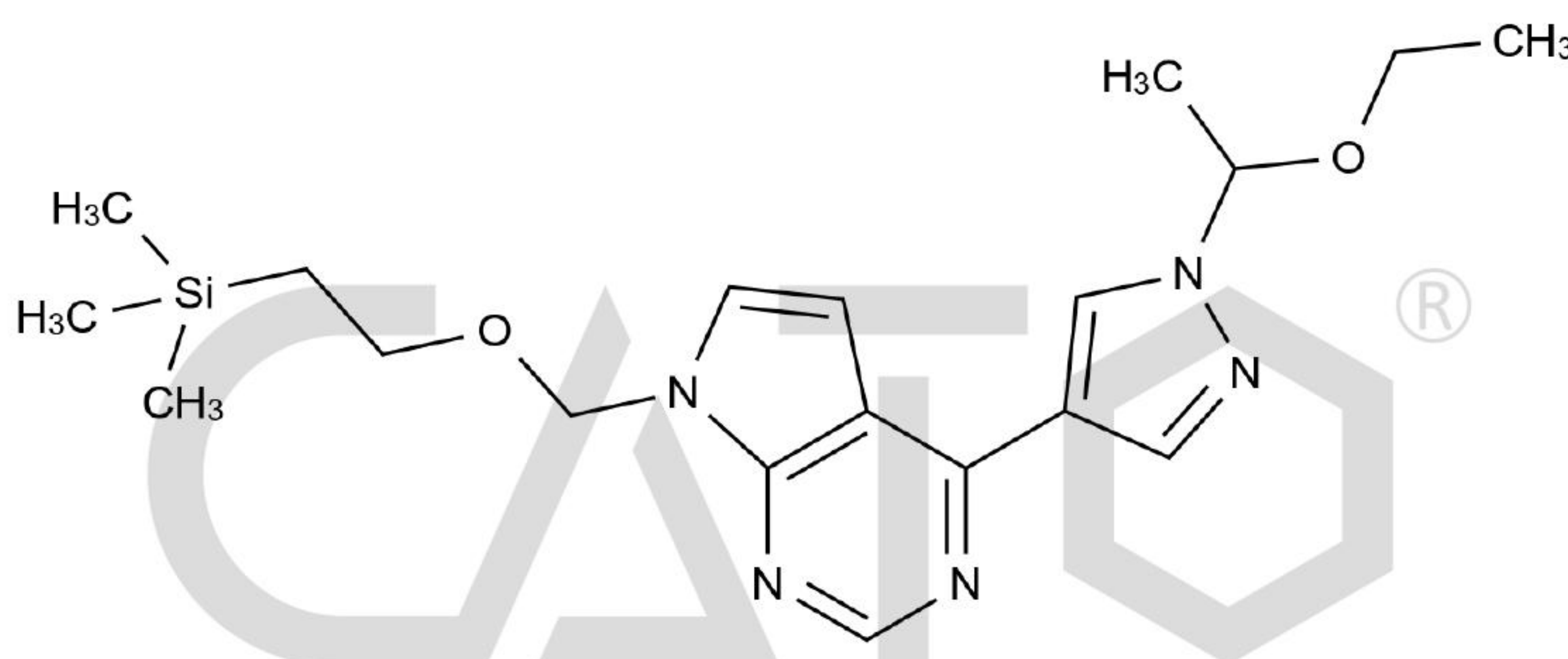
Certificate of Analysis

Reference Material & Standard

Product Name:	Baricitinib Impurity N1	Catalogue Number:	C1102997
Synonyms:	N/A	Lot Number:	1208-RG-0046
CAS Number:	1187595-88-5	Expiry Date:	Dec 09, 2029
Molecular Formula:	C ₁₉ H ₂₉ N ₅ O ₂ Si	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	387.55	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Sticky Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	1.1816%
Assay		98.8%

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: Dec 10, 2025

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Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

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