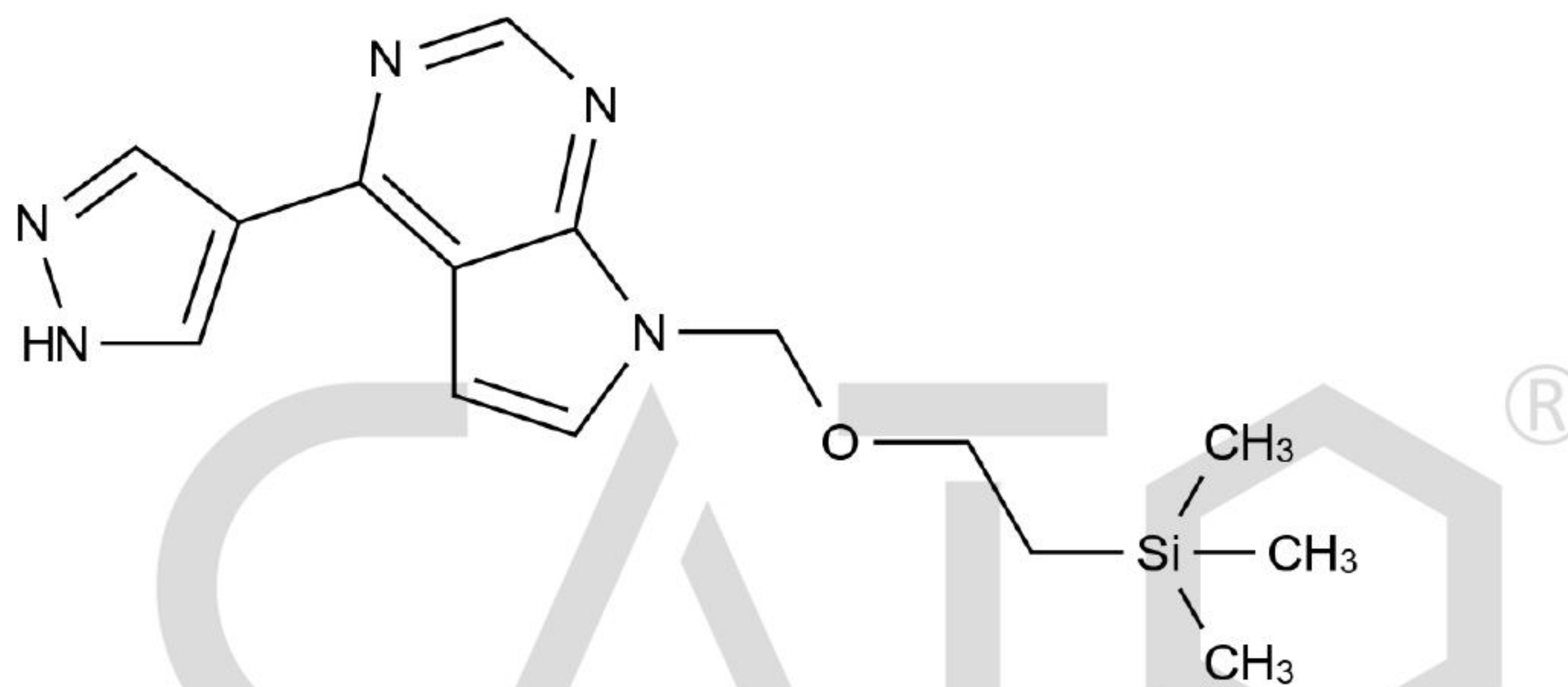


Certificate of Analysis

Reference Material & Standard

Product Name:	Baricitinib Impurity N2	Catalogue Number:	C1929157
Synonyms:	N/A	Lot Number:	0428-RF-0031
CAS Number:	941685-27-4	Expiry Date:	May 05, 2027
Molecular Formula:	C ₁₅ H ₂₁ N ₅ OSi	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	315.45	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.852%
Loss On Drying	TGA	0.0492%
Assay		98.8%

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: Aug 26, 2024

Date: Aug 26, 2024

Date: Aug 26, 2024

