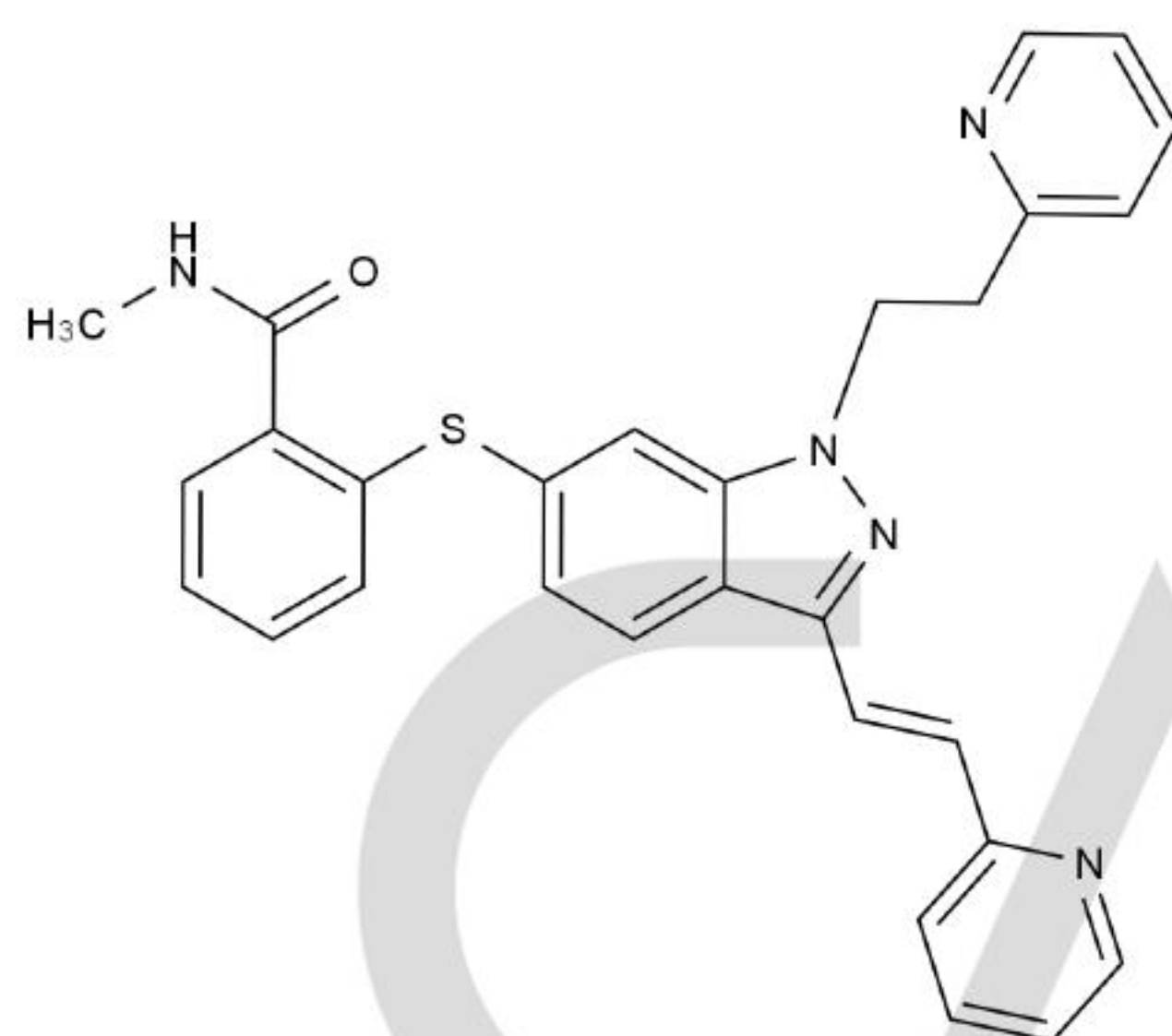


Certificate of Analysis

Reference Material & Standard

Product Name:	Axitinib Impurity 4	Catalogue Number:	C4X-10714
Synonyms:	N-Methyl-2-({1-[2-(2-pyridinyl)ethyl]-3-[(E)-2-(2-pyridinyl)vinyl]-1H-indazol-6-yl}sulfanyl)benzamide	Lot Number:	0702-RH-0042
CAS Number:	1443118-72-6	Expiry Date:	Jul 09, 2030
Molecular Formula:	C ₂₉ H ₂₅ N ₅ OS	Storage:	2°C ~ 8°C Sealed
Molecular Weight:	491.61	Shipping Condition:	Shipping at Room Temperature
Solubility:	Soluble in Acetonitrile and DMSO	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	96.368%
Residue on Ignition	TGA	0.5429%
Loss on Drying	TGA	0.4492%
Assay	qNMR	95.1%
Assay	Mass Balance	95.4%

Comment:

- The retest date of this product is Jul 09, 2029.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$$
Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Alice

Approved by General Manager:

David

Date: Jul 10, 2026

Date: Jul 10, 2026

Date: Jul 10, 2026



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