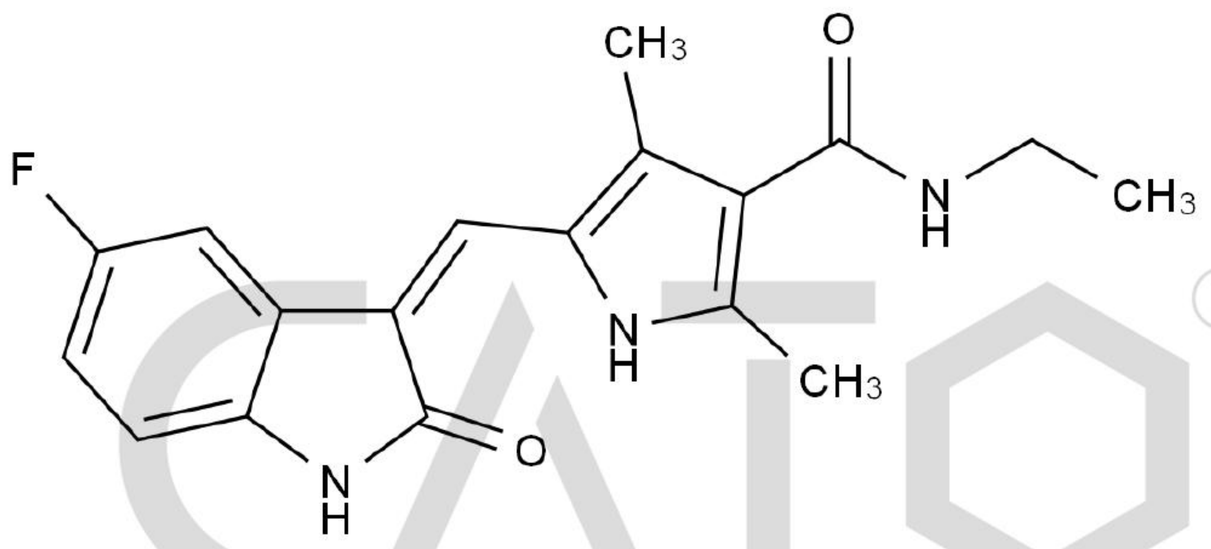
Certificate of Analysis

Reference Material & Standard

Product Name:	Sunitinib Impurity 24	**Catalogue Number:**	C4X-133324
Synonyms:	N/A	**Lot Number:**	1012-RH-0053
CAS Number:	1467015-10-6	**Expiry Date:**	Oct 12, 2030
Molecular Formula:	$C_{18}H_{18}FN_3O_2$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	327.35	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Orange Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.375%
Residue on Ignition	TGA	1.0481%
Loss on Drying	TGA	0.1372%
Assay	Mass Balance	95.2%

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Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Residue on Ignition-Loss on Drying) * 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: Alice — Date: Oct 13, 2026

Reviewed by: Koi — Date: Oct 13, 2026

Approved by General Manager: David — Date: Oct 13, 2026

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