

Certificate of Analysis

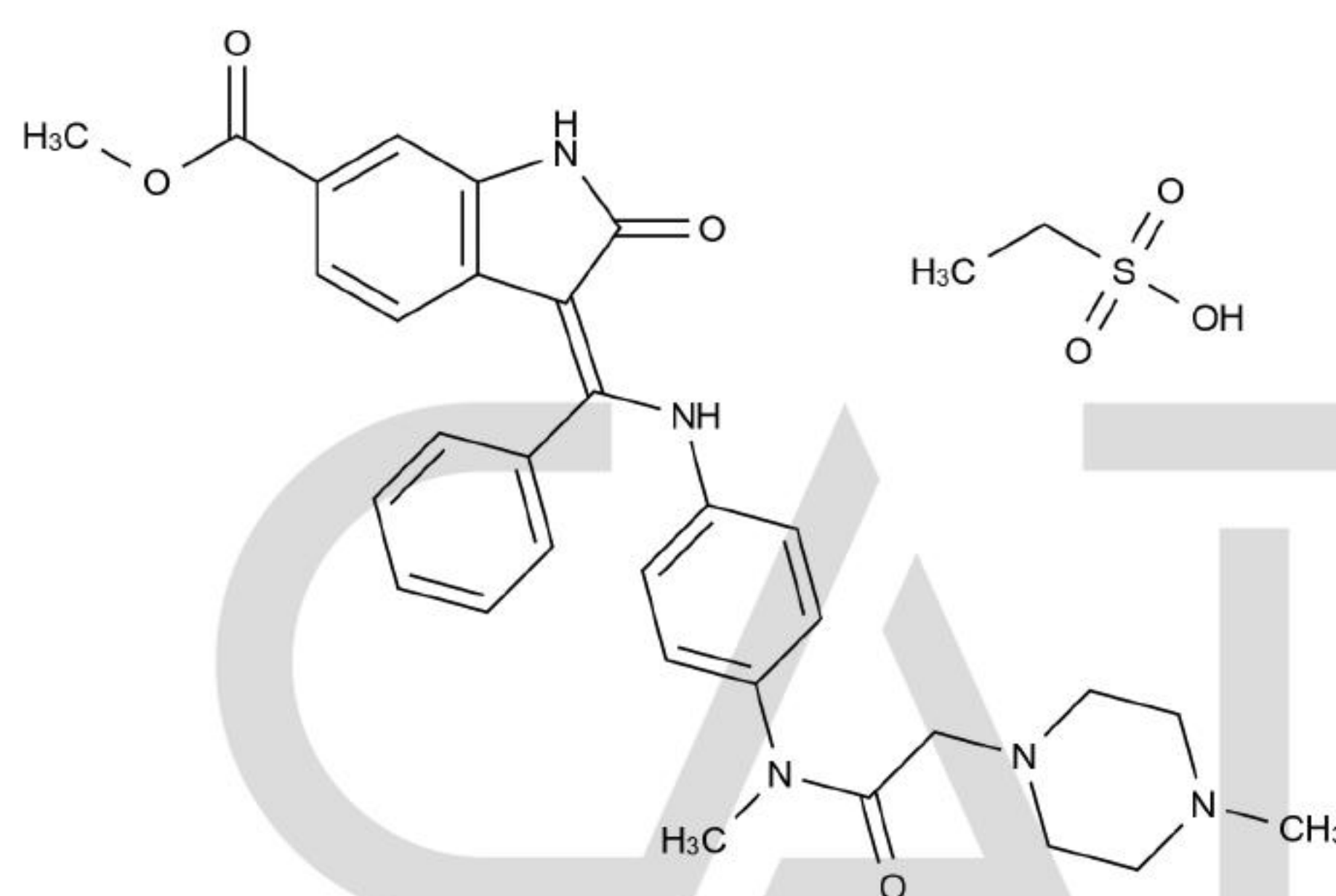
Reference Material & Standard

Product Name:	Nintedanib Esylate	Catalogue Number:	C4X-1814
Synonyms:	N/A	Lot Number:	0618-RH-0140
CAS Number:	656247-18-6	Expiry Date:	Jun 23, 2030
Molecular Formula:	C ₃₁ H ₃₃ N ₅ O ₄ C ₂ H ₆ O ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	539.62 110.13	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.822%
Residue on Ignition	TGA	1.0314%
Loss on Drying	TGA	1.4524%
Assay		97.3%

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:

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Approved by General Manager:

David

Date: Jun 24, 2026

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