

CERTIFICATE OF ANALYSIS

(Certificate No. KMN002078-01)

Release Date: 10/08/2025

Re-test Date: 09/08/2028

Nintedanib Methyl Impurity

Identification

Chemical Name :

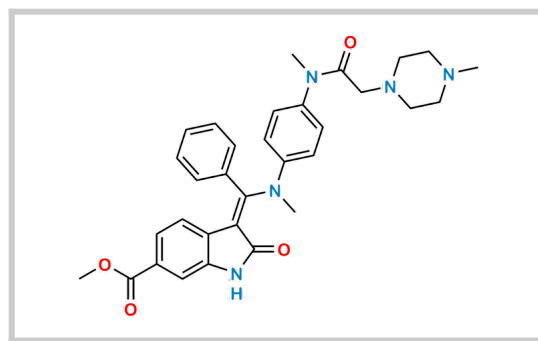
Methyl (Z)-3-((methyl(4-(N-methyl-2-(4-methylpiperazin-1-yl)acetamido)phenyl)amino)(phenyl)methylene)-2-oxoindoline-6-carboxylate

CAT No. : KMN002078

CAS No. : 2734410-06-9

Molecular Formula : C₃₂H₃₅N₅O₄

Molecular Weight : 553.7



Analytical Information

Batch No. : NIN-METHYL-030-222

Description : Yellow Solid

HPLC Purity : 95.90 %

Weight Loss By TGA : 1.01 %

% Potency : 94.93 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 1.01(Weight Loss By TGA)] x [95.90(HPLC Purity)]/100 = 94.93 %
-Re-tested on 10.08.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/08/2025
Reviewed & Approved By	Quality Control	Jatin Patel		13/08/2025

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA