

CERTIFICATE OF ANALYSIS

(Certificate No. KMN002090-01)

Release Date: 10/08/2025

Re-test Date: 09/08/2028

Nintedanib N-Acetyl Impurity

Identification

Chemical Name :

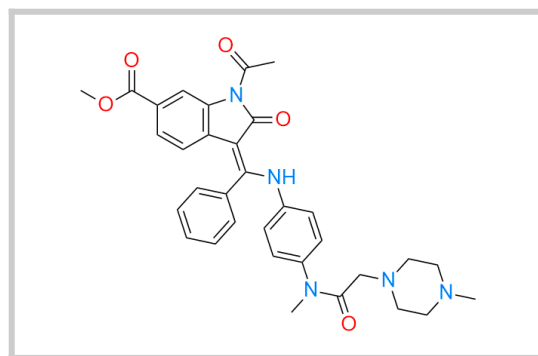
Methyl (E)-1-acetyl-3-(((4-(N-methyl-2-(4-methylpiperazin-1-yl)acetamido)phenyl)amino)(phenyl)methylene)-2-oxoindoline-6-carboxylate

CAT No. : KMN002090

CAS No. : 2130844-77-6

Molecular Formula : C33H35N5O5

Molecular Weight : 581.7



Analytical Information

Batch No. : NIN-N-ACE-030-230

Description : Light Yellow Solid

HPLC Purity : 94.93 %

Weight Loss By TGA : 2.71 %

% Potency : 92.36 %

Solubility : Acetonitrile

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 - 2.71(Weight Loss By TGA)] x [94.93(HPLC Purity)]/100 = 92.36 %
-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