CERTIFICATE OF ANALYSIS

(Certificate No. KMN002090-01)

Release Date: 10/08/2025 **Re-test Date:** 09/08/2028

Nintedanib N-Acetyl Impurity

Identification

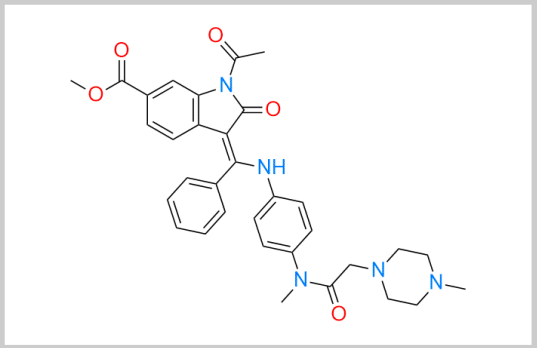
Chemical Name :
Methyl (E)-1-acetyl-3-(((4-(N-methyl-2-(4-methylpiperazin-1-yl)acetamido)phenyl)amino)(phenyl)methylene)-2-oxoindoline-6-carboxylate

CAT No. : KMN002090

CAS No. : 2130844-77-6

Molecular Formula : C33H35N5O5

Molecular Weight : 581.7



Analytical Information

Batch No.	: NIN-N-ACE-030-230	**Solubility**	: Acetonitrile
Description	: Light Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 94.93 %	**IR**	: Confirm
Weight Loss By TGA	: 2.71 %	**1H NMR**	: Confirm
% Potency	: 92.36 %		

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