CERTIFICATE OF ANALYSIS

(Certificate No. KMN002020-01)

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

Nintedanib Acid Impurity

Identification

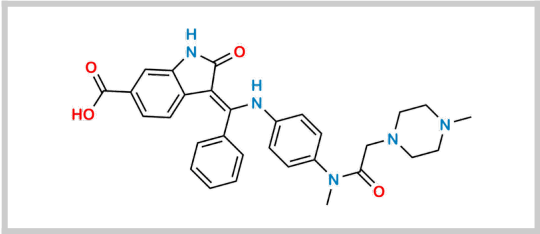
Chemical Name :
(Z)-3-(((4-(N-methyl-2-(4-methylpiperazin-1-yl)acetamido)phenyl)amino)(phenyl)methylene)-2-oxoindoline-6-carboxylic acid

CAT No. : KMN002020

CAS No. : 894783-71-2

Molecular Formula : C30H31N5O4

Molecular Weight : 525.6



Analytical Information

Batch No. : NIN-ACID-030-220

Description : Light Yellow Solid

HPLC Purity : 99.48 %

Weight Loss By TGA : 0.42 %

% Potency : 99.06 %

Solubility : 0.1N NaOH Solution

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 - 0.42(Weight Loss By TGA)] x [99.48(HPLC Purity)]/100 = 99.06 %
-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