

CERTIFICATE OF ANALYSIS

(Certificate No. KMN002013-01)

Release Date: 12/02/2025

Re-test Date: 11/02/2028

N-Nitroso-N-Desmethylnintedanib

Identification

Chemical Name :

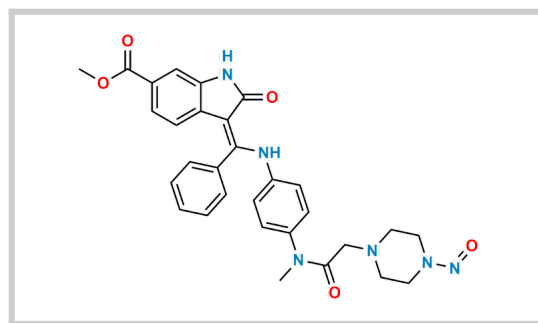
Methyl (Z)-3-(((4-(N-methyl-2-(4-nitrosopiperazin-1-yl)acetamido)phenyl)amino)(phenyl)methylene)-2-oxoindoline-6-carboxylate

CAT No. : KMN002013

CAS No. : NA

Molecular Formula : C30H30N6O5

Molecular Weight : 554.6



Analytical Information

Batch No. : NIN-DES-N-NO-030-165

Description : Yellow Solid

HPLC Purity : 96.49 %

Weight Loss By TGA : 1.12 %

% Potency : 95.41 %

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 = $[100 - 1.12(\text{Weight Loss By TGA})] \times [96.49(\text{HPLC Purity})]/100 = 95.41 \%$
-Re-tested on 12.02.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		13/02/2025

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