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## CERTIFICATE OF ANALYSIS

Analysis Date:

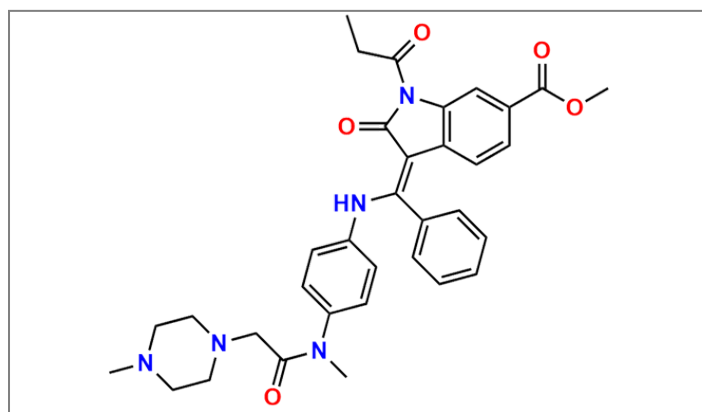
Re-test Date:

**Product Name: Nintedanib Impurity 51**

### Identification:

Chemical Name: Methyl (Z)-3-(((4-(N-methyl-2-(4-methylpiperazin-1-yl)acetamido)phenyl)amino)(phenyl)methylene)-2-oxo-1-propionylindoline-6-carboxylate

Synonyms : NA  
CAS Number : 2097505-01-4  
CAT Number : CP-N24046  
Molecular Formula : C<sub>34</sub>H<sub>37</sub>N<sub>5</sub>O<sub>5</sub>  
Molecular Weight : 595.7



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>98%
5)	H1NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.