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## CERTIFICATE OF ANALYSIS

Analysis Date:

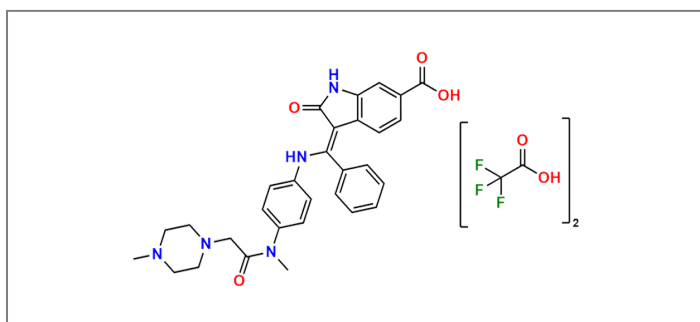
Re-test Date:

**Product Name: Nintedanib Impurity 6 (Ditrifluoroacetate)**

### Identification:

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

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-N24083  
Molecular Formula : C<sub>30</sub>H<sub>31</sub>N<sub>5</sub>O<sub>4</sub> : 2(C<sub>2</sub>H<sub>3</sub>F<sub>3</sub>O<sub>2</sub>)  
Molecular Weight : 525.61 : 2(114.02)



### 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	>95%
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.