

Certificate of Analysis

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Product Name : Nintedanib esylate

 Cat. No.
 : PC-42813

 CAS No.
 : 656247-18-6

 Batch No.
 : PC-4281301

Chemical Name : 1H-Indole-6-carboxylic acid, 2,3-dihydro-3-[[[4-[methyl[2-(4-methyl-1-

piperazinyl)acetyl]amino]phenyl]amino]phenylmethylene]-2-oxo-, methyl ester, (3Z)-,

ethanesulfonate (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

 $\begin{array}{lll} \textbf{Molecular Weight} & \textbf{:} & 649.7571 \\ \textbf{Molecular Formula} & \textbf{:} & C_{33}H_{39}N_5O_7S \\ \end{array}$

Storage : Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance : Solid powder

1 H NMR Spectrum : Consistent with
HPLC : Consistent with
NP : Consistent with

Purity (HPLC) : >98%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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