Inhibitors

# **Certificate of Analysis**

# **Nintedanib**

Cat. No.: HY-50904 CAS No.: 656247-17-5 Batch No.: 279074

**Chemical Name:** (Z)-methyl 3-(((4-(N-methyl-2-(4-methylpiperazin-1-yl)acetamido)phenyl)amino)(phenyl)methyl

ene)-2-oxoindoline-6-carboxylate

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{31}H_{33}N_5O_4$ **Molecular Weight:** 539.62

Storage: Powder -20°C 3 years

> 4°C 2 years

In solvent -80°C 2 years

> -20°C 1 year

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: Light yellow to yellow (Solid) <sup>1</sup>H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 99.94%

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

Caution: Product has not been fully validated for medical applications. For research use only.

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