



Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#
200496	Nintedanib	TZC50508

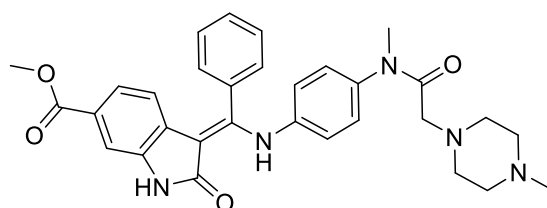
Chemical name

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

Synonyms

BIBF-1120; BIBF 1120; BIBF1120; nintedanib. Brand name: Vargatef; Ofev.

Chemical structure



CAS# and Theoretical analysis

MedKoo Code#: 200496
Name: Nintedanib
Lot#TZC50508
CAS#: 656247-17-5
Chemical Formula: C₃₁H₃₃N₅O₄
Exact Mass: 539.25325
Molecular Weight: 539.62

Analysis item	Specification/ Results
Appearance	Yellow solid powder
Structure	¹ H-NMR and MS spectrum of the sample correspond to the data reported in the literature
Purity (HPLC)	98%
Solubility	Soluble in DMSO and 5% HCl, very poorly soluble in ethanol; very poorly soluble in water.
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in Customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Self life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE