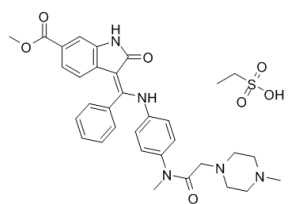


Product Name	: Nintedanib esylate	
Synonyms	: BIBF1120 esylate;BIBF-1120 esylate	
Cat No.	: M15495	
CAS Number	: 656247-18-6	
Molecular Formula	: C33H39N5O7S	
Formula Weight	: 649.76	
Chemical Name	1H-Indole-6-carboxylic acid, 2,3-dihydro-3-[[[4-[methyl[2-(4-methyl-1-piperazinyl)acetyl]amino]phenyl]amino]phenylmethylene]-2-oxo-, methyl ester, (3Z)-, ethanesulfonate (1:1)	
Description	Nintedanib esylate (BIBF1120 esylate) is a potent triple angiokinase (VEGFR/PDGFR/FGFR) inhibitor with IC50 of 5/38/18/104/5 nM for VEGFR-2/FGFR-1/PDGFRα/VEGFR-1/VEGFR-3, respectively; inhibits MAPK and Akt signaling pathways, show inhibition of cell proliferation (EC50=10-80 nM); is fully efficacious in xenograft models and orally active. Lung Cancer Approved	
Pathway	: Angiogenesis	
Target	: VEGFR	
Receptor	: VEGFR1;VEGFR2;VEGFR3;FGFR1;FGFR2;FGFR3;PDGFRα;PDGFRβ	
Solubility	: 10 mM in DMSO	
SMILES	: <chem>CCS(=O)(=O)O.CN1CCN(CC1)CC(=O)N(C)C2=CC=C(C=C2)N=C(C3=CC=CC=C3)C4=C(NC5=C4C=CC(=C5)C(=O)OC)O</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Roth GJ, et al. J Med Chem. 2009 Jul 23;52(14):4466-80. | 2. Hilberg F, et al. Cancer Res. 2008 Jun 15;68(12):4774-82. | 3. Kudo K, et al. Clin Cancer Res. 2011 Mar 15;17(6):1373-81.