



Product Information

Sorafenib

Cat. No.: X23-04-XQ401

Size: 20 mg; 50 mg; 100 mg; 200 mg

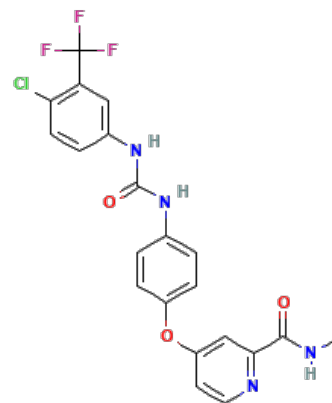
MDL: MFCD06411450

CAS Number: 284461-73-0

Compound CID: 216239

Synonym: 284461-73-0; Sorafenib; Nexavar

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Sorafenib is a kinase inhibitor that works by slowing or stopping the growth of cancer cells.
Molecular Weight	464.83
Molecular Formula	C ₂₁ H ₁₆ ClF ₃ N ₄ O ₃
IUPAC Name	4-[4-[[4-Chloro-3-(trifluoromethyl)phenyl]carbamoylamino]phenoxy]-N-methylpyridine-2-carboxamide
InChI	InChI=1S/C21H16ClF3N4O3/c1-26-19(30)18-11-15(8-9-27-18)32-14-5-2-12(3-6-14)28-20(31)29-13-4-7-17(22)16(10-13)21(23,24)25/h2-11H,1H3,(H,26,30)(H2,28,29,31)
InChI Key	MLDQJTXFUGDVEO-UHFFFAOYSA-N
Canonical SMILES	CNC(=O)C1=NC=CC(=C1)OC2=CC=C(C(=C2)NC(=O)NC3=CC(=C(C(=C3)Cl)C(F)(F)F
Purity	>98%, determined by HPLC.
Solubility	This product is soluble in DMSO (20mg/ml), Hot Methanol, DMF (20mg/ml), 1:2 solution of DMSO: PBS (PH 7.2) (0.3mg/ml), and 100% ethanol.
Identity	Confirmed by NMR and MS.
Stability	The product is stable for two years when stored at the recommended temperature.
Applications	Sorafenib can be used as an inhibitor of tyrosine protein kinases.
Storage	Store at -20°C.

Safety Information

Personal Protective Equipment	Gloves, eyeshields, N95 mask
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