

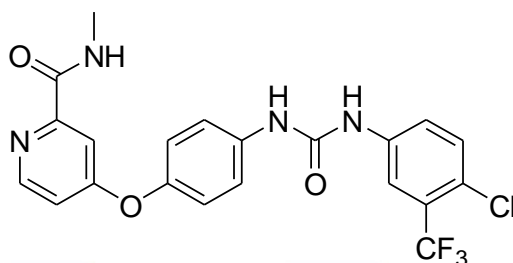


Northeast Business Center

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Certificate of Analysis



Product Name:	Sorafenib (free base)		
IUPAC Name:	4-[4-[[4-chloro-3-(trifluoromethyl)phenyl]carbamoylamino]phenoxy]-N-methylpyridine-2-carboxamide		
Synonym:	Nexavar		
CAS No:	284461-73-0		
Prod. No:	CT-SR001	Lot No:	SR-09AR
Mol. Formula	C ₂₁ H ₁₆ ClF ₃ N ₄ O ₃		
Mol. Wt	464.8		
Solubility	Soluble in DMSO		
Storage	Store at 0-4 °C (short term), - 20 °C (long term), desiccated		

Appearance	White to off-white powder
Quality Control	¹ HNMR: [✓] HPLC: [✓] Quantitative Elemental Analysis: [✓] C ₂₁ H ₁₆ ClF ₃ N ₄ O ₃ Calculated: C: 54.26%; H: 3.47%; N: 12.05% Found: C: 54.31%; H: 3.49%; N: 12.06%
m. p.	207 –209 °C
Loss on Drying	< 0.2%
Related Impurity	Individual Impurity < 0.5%
	Total Impurity << 1%
Purity	> 99%, (HPLC)