

Product datasheet

Sorafenib, multikinase inhibitor ab141966

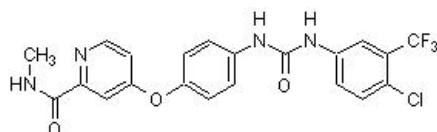
Overview

Product name	Sorafenib, multikinase inhibitor
Description	Potent multikinase inhibitor
Biological description	Potent multikinase inhibitor that targets the RAF/MEK/ERK pathway in tumor cells, and tyrosine kinases involved in tumor angiogenesis, oncogenesis, and maintenance of the tumor microenvironment. Inhibits Raf-1, B-Raf, VEGFR-2, VEGFR-3, PDGFR-β, Flt3, c-KIT and FGFR-1 (IC ₅₀ values are 6 nM, 22 nM, 90 nM, 20 nM, 57 nM, 58 nM, 68 nM and 580 nM in cell-free assays, respectively).

Purity > 98%

CAS Number 284461-73-0

Chemical structure



Properties

Chemical name	4-[4-[[4-Chloro-3-(trifluoromethyl)phenyl]carbamoylamino]phenoxy]- <i>N</i> -methylpyridine-2-carboxamide
Molecular weight	464.82
Molecular formula	C ₂₁ H ₁₆ ClF ₃ N ₄ O ₃
PubChem identifier	216239
Storage instructions	Shipped at Room Temperature. Store at -20°C. Store under desiccating conditions.
Solubility overview	Soluble in DMSO to 100 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	CNC(=O)C1=NC=CC(=C1)OC2=CC=C(C=C2)NC(=O)NC3=CC(=C(C=C3)Cl)C(F)(F)F
Source	Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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