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Product Datasheet

Sorafenib (base), CAS [[284461-73-0]] FBM-10-2174

Artikelname	Sorafenib (base), CAS [[284461-73-0]]
Artikelnummer	FBM-10-2174
Hersteller Artikelnummer	10-2174
Alternativnummer	FBM-10-2174-10MG,FBM-10-2174-50MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Raf-1 inhibitor (and other kinases)...
Molekulargewicht	464.83
Reinheit	99% by TLC, NMR (Conforms)
Formulierung	Off-white solid
CAS Nummer	[284461-73-0]
Formel	C21H16ClF3N4O3
Anwendungsbeschreibung	Initially developed as a Raf kinase inhibitor, IC50 = 6 nM, but has been shown to inhibit many receptor tyrosine kinases including BRAF (IC50 = 22 nM), VEGFR-2 (IC50 = 90 nM), VEGFR-3 (IC50 = 20 nM), PDGFR-beta (IC50 = 57 nM), Flt3 (IC50 = 58 nM), c-KIT (IC50 = 68 nM), FGFR-1 (IC50 = 580 nM) ¹ . Paradoxically more potent in a cellular assay (IC50 = 20 nM) compared to an isolated enzyme assay (IC50 = 107 nM) for c-Fms ² . Inhibits activation of MAPK pathway and ERK phosphorylation ³ . Induces caspase-independent apoptosis in melanoma cells ⁴ . Clinically useful anticancer agent.