

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Cediranib, CAS [[288383-20-0]] FBM-10-4142

Article Name	Cediranib, CAS [[288383-20-0]]
Biozol Catalog Number	FBM-10-4142
Supplier Catalog Number	10-4142
Alternative Catalog Number	FBM-10-4142-5MG,FBM-10-4142-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	VEGFR inhibitor...
Molecular Weight	450.51
Purity	>98% by HPLC NMR (Conforms)
Form	Beige solid
CAS Number	[288383-20-0]
Formula	C ₂₅ H ₂₇ FN ₄ O ₃
Application Notes	Cediranib is a highly potent (IC ₅₀ = <1 nM) inhibitor of VEGFR-2.1 It also inhibits VEGFR-1, VEGFR-3, c-Kit, and PDGFRβ (IC ₅₀ s respectively: 5 nM, 3 nM, 2nM, and 5 nm). It displays broad-spectrum activity in various human tumor models. Cediranib normalized tumor vasculature decreasing permeability, increasing blood perfusion, and allowing better drug delivery in glioblastoma patients. ^{2,3} It enhanced transcription of MHC-I leading to enhanced CD8+ T cell infiltration and improved efficacy of anti-PD-L1 therapy. ⁴