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Product Datasheet

Vismodegib, CAS [[879085-55-9]] FBM-10-2182

Article Name	Vismodegib, CAS [[879085-55-9]]
Biozol Catalog Number	FBM-10-2182
Supplier Catalog Number	10-2182
Alternative Catalog Number	FBM-10-2182-5MG,FBM-10-2182-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Sonic Hedgehog signaling pathway inhibitor...
Molecular Weight	421.30
Purity	99% by TLC and HPLC NMR (Conforms)
Form	Off-white or beige solid
CAS Number	[879085-55-9]
Formula	C19H14Cl2N2O3S
Application Notes	A potent and selective Hedgehog (Hh) pathway signaling inhibitor antagonizing SMO with a K_i of 1.3 nM). ¹ Alters intracellular Ca^{2+} homeostasis and inhibits growth of cisplatin-resistant lung cancer cells. ² Inhibits two ABC transporters, ABCG2/BCRP and ABCB1/Pgp, IC_{50} s=1.4 and 3.0 μ M respectively. ³ Clinically useful for the treatment of basal cell carcinoma. ⁴ Inhibits proliferation and induces apoptosis in colon cancer cell lines.