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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	C <sub>19</sub> H <sub>14</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>3</sub> S
Application Notes	A potent and selective Hedgehog (Hh) pathway signaling inhibitor antagonizing SMO with a K <sub>i</sub> of 1.3 nM). <sup>1</sup> Alters intracellular Ca <sup>2+</sup> homeostasis and inhibits growth of cisplatin-resistant lung cancer cells. <sup>2</sup> Inhibits two ABC transporters, ABCG2/BCRP and ABCB1/Pgp, IC <sub>50</sub> s=1.4 and 3.0 μM respectively. <sup>3</sup> Clinically useful for the treatment of basal cell carcinoma. <sup>4</sup> Inhibits proliferation and induces apoptosis in colon cancer cell lines.