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Product Datasheet

WC522

FBM-10-4241

Article Name	WC522
Biozol Catalog Number	FBM-10-4241
Supplier Catalog Number	10-4241
Alternative Catalog Number	FBM-10-4241-5MG, FBM-10-4241-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Dvl-cholesterol interaction inhibitor...
Molecular Weight	380.53
Purity	>98% by HPLC NMR (Conforms)
Form	Amber viscous oil
Formula	C ₂₄ H ₃₂ N ₂ O ₂
Application Notes	WC522 blocks the cholesterol-dishevelled interaction leading to inhibition of β -catenin signaling. It specifically inhibits the Dvl2-PDZ-cholesterol interaction (IC ₅₀ = 40 nM) leading to suppression of both Wnt-independent and Wnt-stimulated β -catenin signaling (IC ₅₀ = 150 nM). WC522 inhibits cell proliferation in APC-truncated colorectal carcinoma cells and colorectal carcinoma HCT15 xenografts in mice.