

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

## 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	C24H32N2O2
Application Notes	WC522 blocks the cholesterol-dishevelled interaction leading to inhibition of $\beta$ -catenin signaling. It specifically inhibits the Dvl2-PDZ-cholesterol interaction (IC50 = 40 nM) leading to suppression of both Wnt-independent and Wnt-stimulated $\beta$ -catenin signaling (IC50 = 150 nM). WC522 inhibits cell proliferation in APC-truncated colorectal carcinoma cells and colorectal carcinoma HCT15 xenografts in mice.