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Product Datasheet

Wnt-C59, CAS [[1243243-89-1]]

FBM-10-4605

Article Name	Wnt-C59, CAS [[1243243-89-1]]
Biozol Catalog Number	FBM-10-4605
Supplier Catalog Number	10-4605
Alternative Catalog Number	FBM-10-4605-5MG,FBM-10-4605-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Porcupine inhibitor...
Molecular Weight	379.46
Purity	>98% by HPLC NMR (Conforms)
Form	Tan Solid
CAS Number	[1243243-89-1]
Formula	C25H21N3O

Application Notes	Wnt-C59 is a potent (IC50 = 74 pmol/L) inhibitor of Porcupine (PORCN), a Wnt-acyltransferase. Blockage of Wnt-acyltransferase prevents secretion of all Wnt isoforms. It was able to block progression of mammary tumors in MMTV-WNT1 transgenic mice.1 Wnt-C59 strongly inhibited the growth of intestinal neoplasia in RZ-mutant mice. Wnt-C59 was able to efficiently differentiate pluripotent stem cells into cortical neurons (CTIP2+/COUP-TF1). Wnt-C59 was also able to dramatically attenuate kidney fibrosis via inhibition of collagen mRNA expression and expression of inflammatory cytokines.