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Product Datasheet

CHIR-99021, CAS [[252917-06-9]] FBM-10-1279

Article Name	CHIR-99021, CAS [[252917-06-9]]
Biozol Catalog Number	FBM-10-1279
Supplier Catalog Number	10-1279
Alternative Catalog Number	FBM-10-1279-5MG, FBM-10-1279-25MG, FBM-10-1279-10MM/1MLDMSO
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	GSK3beta inhibitor...
Molecular Weight	465.35
Purity	99% by TLC, NMR (conforms)
Form	Tan solid
CAS Number	[252917-06-9]
Formula	C22H18Cl2N8
Application Notes	Potent and selective inhibitor of glycogen synthase kinase-3beta (GSK3beta, IC50 = 5 nM) and GSK3alpha (IC50 = 10 nM) ¹ . Induces osteoblastogenesis, increases mineralization and inhibits adipogenesis in ST2 cells ² . Promotes replication and survival of pancreatic beta cells ³ . Enhances differentiation and reduces proliferation of adult human olfactory epithelium neural precursors ⁴ . Cell permeable and active in vivo.