BIOZOL

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Product Datasheet

IM-12, CAS [[1129669-05-1]]

FBM-10-5125

Article Name	IM-12, CAS [[1129669-05-1]]
Biozol Catalog Number	FBM-10-5125
Supplier Catalog Number	10-5125
Alternative Catalog Number	FBM-10-5125-5MG,FBM-10-5125-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	GSK-3ß inhibitor...
Molecular Weight	377.41
Purity	98% by HPLC NMR (Conforms)
Form	Yellow solid
CAS Number	[1129669-05-1]
Formula	C22H20FN3O2

Application Notes	A potent and selective inhibitor of glycogen synthase kinase 3 (GSK-3) IC50=53 nM which induces neuronal differentiation.1 Activates the Wnt--catenin signaling pathway and attenuates tissue plasminogen activator-induced hemorrhagic transformation after acute ischemic stroke in animal models.2 Promoted hair follicle growth in vitro and antagonized the inhibition of hair follicles by dihydrotestosterone.3 Down-regulates Sox9 expression in limbal epithelial stem/progenitor cells leading to increased differentiation.4