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Product Datasheet

IM-12 FBM-10-5125

Artikelname	IM-12
Artikelnummer	FBM-10-5125
Hersteller Artikelnummer	10-5125
Alternativnummer	FBM-10-5125-5MG,FBM-10-5125-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	GSK-3 β inhibitor...
Molekulargewicht	377.41
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	Yellow solid
CAS Nummer	[1129669-05-1]
Formel	C22H20FN3O2
Anwendungsbeschreibung	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