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Product Datasheet

TWS119, CAS [[601514-19-6]] FBM-10-4495

Artikelname	TWS119, CAS [[601514-19-6]]
Artikelnummer	FBM-10-4495
Hersteller Artikelnummer	10-4495
Alternativnummer	FBM-10-4495-5MG, FBM-10-4495-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	GSK-3 β inhibitor...
Molekulargewicht	318.34
Reinheit	>98% by HPLC NMR (Conforms)
Formulierung	Off-white to beige solid
CAS Nummer	[601514-19-6]
Formel	C18H14N4O2
Anwendungsbeschreibung	TWS-119 is a potent inhibitor of GSK-3 β (IC ₅₀ = 30 nM). ¹ At higher concentrations (400 nM), it induces neurogenesis in mouse embryonic stem cells. ¹ It maintained hepatic stellate cells in the quiescent state. ² TWS119 treatment increased the amount of stem cell-like memory CD8 ⁺ T cells ³ , enhanced metabolic fitness of CD8 ⁺ T cells ⁴ , and prevented CD8 ⁺ differentiation ⁵ . It displayed neuroprotective effects in models of cerebral ischemia. ^{6,7} TWS119 greatly increased the efficacy of NK cells against myeloma. ⁸