

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

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

Article Name	TWS119, CAS [[601514-19-6]]
Biozol Catalog Number	FBM-10-4495
Supplier Catalog Number	10-4495
Alternative Catalog Number	FBM-10-4495-5MG, FBM-10-4495-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	GSK-3 β inhibitor...
Molecular Weight	318.34
Purity	>98% by HPLC NMR (Conforms)
Form	Off-white to beige solid
CAS Number	[601514-19-6]
Formula	C ₁₈ H ₁₄ N ₄ O ₂
Application Notes	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