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## 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 $\beta$ inhibitor...
Molecular Weight	318.34
Purity	>98% by HPLC NMR (Conforms)
Form	Off-white to beige solid
CAS Number	[601514-19-6]
Formula	C18H14N4O2
Application Notes	TWS-119 is a potent inhibitor of GSK-3 $\beta$ (IC50 = 30 nM). <sup>1</sup> At higher concentrations (400 nM), it induces neurogenesis in mouse embryonic stem cells. <sup>1</sup> It maintained hepatic stellate cells in the quiescent state. <sup>2</sup> TWS119 treatment increased the amount of stem cell-like memory CD8 <sup>+</sup> T cells <sup>3</sup> , enhanced metabolic fitness of CD8 <sup>+</sup> T cells <sup>4</sup> , and prevented CD8 <sup>+</sup> differentiation <sup>5</sup> . It displayed neuroprotective effects in models of cerebral ischemia. <sup>6,7</sup> TWS119 greatly increased the efficacy of NK cells against myeloma. <sup>8</sup>