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Product Datasheet

Thiamet-G, CAS [[1009816-48-1]]

FBM-10-2824

Article Name	Thiamet-G, CAS [[1009816-48-1]]
Biozol Catalog Number	FBM-10-2824
Supplier Catalog Number	10-2824
Alternative Catalog Number	FBM-10-2824-5MG, FBM-10-2824-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	O-GlcNAcase alpha1 antagonist...
Molecular Weight	248.30
Purity	98% by TLC, NMR (Conforms)
Form	Pale yellow solid
CAS Number	[1009816-48-1]
Formula	C9H16N2O4S
Application Notes	Potent, selective inhibitor of O-GlcNAcase (Ki = 21 nM for human O-GlcNAcase). Increases levels of O-GlcNAc-modified proteins in cellular assays and in vivo. Suppresses phosphorylation of tau protein in rat cortex and hippocampus. ¹ Stabilizes tau against aggregation and slows neurodegeneration. ² Prevents cognitive decline and amyloid plaque formation in bigenic tau/APP mutant mice. ³ Active in vivo and blood brain barrier permeable.