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## Product Datasheet

### **TP-040, CAS [[2757254-99-0]] FBM-10-4289**

Article Name	TP-040, CAS [[2757254-99-0]]
Biozol Catalog Number	FBM-10-4289
Supplier Catalog Number	10-4289
Alternative Catalog Number	FBM-10-4289-5MG, FBM-10-4289-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	O-GlcNAcase inhibitor...
Molecular Weight	286.38
Purity	>98% by HPLC, NMR (Conforms)
Form	White to off-white solid
CAS Number	[2757254-99-0]
Formula	C <sub>15</sub> H <sub>22</sub> N <sub>6</sub>
Application Notes	TP-040 is a potent and brain-penetrant inhibitor (IC <sub>50</sub> = 46 nM) of O-GlcNAcase (OGA). OGA catalyzes the cleavage of O-linked N-acetylglucosamine from serine and threonine residues. On tau proteins, this leads to a less soluble and less stable protein form that is prone to aggregation. TP-040 is an interesting new tool for studying the effects of tau protein aggregation in neurodegenerative diseases.