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## Product Datasheet

### TTK21, CAS [[709676-56-2]] FBM-10-5669

Article Name	TTK21, CAS [[709676-56-2]]
Biozol Catalog Number	FBM-10-5669
Supplier Catalog Number	10-5669
Alternative Catalog Number	FBM-10-5669-5MG, FBM-10-5669-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	CBP/p300 histone acetyltransferase activator...
Molecular Weight	357.76
Purity	>98% by HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[709676-56-2]
Formula	C17H15ClF3NO2
Application Notes	TTK21 (709676-56-2) is a novel activator of CBP/p300 acetyl transferases. <sup>1</sup> When TTK21 is conjugated to glucose-based carbon nanospheres (CSP) it is nontoxic and is BBB permeable. CSP-TTK21, upon intraperitoneal administration to mice, acetylated histones in the hippocampus and frontal cortex and increased BDNF levels. <sup>1</sup> It reinstated plasticity and memory in a tauopathy mouse model <sup>2</sup> , ameliorated Abeta-impaired long term potentiation <sup>3</sup> and promoted axon growth, sprouting and synaptic plasticity in chronic experimental spinal cord injury <sup>4</sup> .