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Product Datasheet

TTK21 FBM-10-5669

Artikelname	TTK21
Artikelnummer	FBM-10-5669
Hersteller Artikelnummer	10-5669
Alternativnummer	FBM-10-5669-5MG,FBM-10-5669-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	CBP/p300 histone acetyltransferase activator...
Molekulargewicht	357.76
Reinheit	>98% by HPLC NMR (Conforms)
Formulierung	Off-white solid
CAS Nummer	[709676-56-2]
Formel	C17H15CIF3NO2
Anwendungsbeschreibung	TTK21 (709676-56-2) is a novel activator of CBP/p300 acetyl transferases. ¹ 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. ¹ It reinstated plasticity and memory in a tauopathy mouse model ² , ameliorated Abeta-impaired long term potentiation ³ and promoted axon growth, sprouting and synaptic plasticity in chronic experimental spinal cord injury ⁴ .