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Product Datasheet

SRT1720 HCl, CAS [[1001645-58-4]] FBM-10-4628

Artikelname	SRT1720 HCl, CAS [[1001645-58-4]]
Artikelnummer	FBM-10-4628
Hersteller Artikelnummer	10-4628
Alternativnummer	FBM-10-4628-5MG,FBM-10-4628-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	SIRT1 activator...
Molekulargewicht	506.02
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	Yellow solid
CAS Nummer	[1001645-58-4]
Formel	C ₂₅ H ₂₃ N ₇ OSHCl

Anwendungsbeschreibung	SIRT1 activator (EC1.5 = 0.16 μM, max activation = 781%).¹ It reduced glucose levels and hyperinsulinemia in DIO, Lepob/ob mice and Zucker fa/fa rats. SRT1720 enhanced endurance running and protected against diet-induced obesity and insulin resistance via enhancement of oxidative metabolism in skeletal muscle, liver, and brown adipose tissue.² It induced mitochondrial biogenesis in oxidant-induced renal proximal tube cell injury.³ SRT1720 repressed circadian clock gene expression and decreased H3 K9/K14 acetylation in a time-specific manner.⁴ It attenuated angiotensin II-induced atherosclerosis by inhibiting the vascular inflammatory response.⁵
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