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Product Datasheet

PF-06835919, CAS [[2102501-84-6]] FBM-10-3958

Article Name	PF-06835919, CAS [[2102501-84-6]]
Biozol Catalog Number	FBM-10-3958
Supplier Catalog Number	10-3958
Alternative Catalog Number	FBM-10-3958-1MG,FBM-10-3958-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Ketohexokinase inhibitor...
Molecular Weight	356.35
Purity	>98% by HPLC, NMR (conforms)
Form	White solid
CAS Number	[2102501-84-6]
Formula	C16H19F3N4O2
Application Notes	<p>PF-06835919 is a potent (IC₅₀ = 10 nM KHK-C, 170 nM KHK-A) inhibitor of ketohexokinase (KHK), the first enzyme in the fructose metabolic cascade.¹ It displayed high selectivity against other sugar kinases. PF-06835919 prevented hyperinsulinemia, hypertriglyceridemia, and hepatic steatosis in fructose-fed rats.² The increased tumor proliferation effect of fructose in CaSki cells was inhibited by PF-06835919.³ An interesting new tool to study metabolic and fatty liver diseases.</p>