

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

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	PF-06835919 is a potent (IC ₅₀ = 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.