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Product Datasheet

KY-226, CAS [[1621673-53-7]] FBM-10-4004

Artikelname	KY-226, CAS [[1621673-53-7]]
Artikelnummer	FBM-10-4004
Hersteller Artikelnummer	10-4004
Alternativnummer	FBM-10-4004-5MG,FBM-10-4004-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	PTP1B inhibitor...
Molekulargewicht	481.67
Reinheit	>98% TLC
Formulierung	Off-white solid
CAS Nummer	[1621673-53-7]
Formel	C27H31NO3S2
Anwendungsbeschreibung	KY-226 is a selective allosteric protein tyrosine phosphatase 1B (PTP1B) inhibitor (IC50 = 250 nM) with no activity at PPARgamma.1 It significantly reduced plasma glucose, triglyceride, and A1c levels without weight gain in db/db mice.2 It has been suggested that KY-226s anti-diabetic effects occur via enhancements in insulin signaling and anti-obesity effects via leptin signaling enhancements.2 KY-226 has also been shown to protect neurons from cerebral ischemia.3 This effect is mediated by restoration of tight junction proteins via activation of the Akt/FoxO1 pathway.4