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Product Datasheet

LGK974, CAS [[1243244-14-5]]
FBM-10-4381

Artikelname	LGK974, CAS [[1243244-14-5]]
Artikelnummer	FBM-10-4381
Hersteller Artikelnummer	10-4381
Alternativnummer	FBM-10-4381-5MG,FBM-10-4381-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Porcupine inhibitor...
Molekulargewicht	396.45
Reinheit	>98% by HPLC NMR (Conforms)
Formulierung	Off-white solid
CAS Nummer	[1243244-14-5]
Formel	C23H20N6O
Anwendungsbeschreibung	LGK974 is a potent and selective inhibitor of Porcupine (IC₅₀ = 1 nM). Inhibits Wnt signaling (IC₅₀ = 0.4 nM) in vitro and in vivo.¹ It displays efficacy in several cancer models including glioblastoma^{2,6}, squamous cell³, renal cell carcinoma⁴, and non-small cell lung⁵. LGK974 reprogrammed the immune suppressive tumor microenvironment in a mouse model of glioblastoma to increase antitumor immune responses.⁶ It also potentiated anti-PD1 therapy by increasing DC3-like dendritic cells and decreasing myeloid suppressor cells. LGK974 attenuated myocardial ischemia-reperfusion injury by reducing inflammatory responses.⁷