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Product Datasheet

GSK2656157, CAS [[1337532-29-2]] FBM-10-4855

Artikelname	GSK2656157, CAS [[1337532-29-2]]
Artikelnummer	FBM-10-4855
Hersteller Artikelnummer	10-4855
Alternativnummer	FBM-10-4855-5MG,FBM-10-4855-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Potent and selective PERK inhibitor...
Molekulargewicht	416.45
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[1337532-29-2]
Formel	C23H21FN6O
Anwendungsbeschreibung	Potent (IC₅₀ = 0.9 nM) and selective (over 300 kinases) inhibitor of protein kinase RNA-like endoplasmic reticulum kinase (PERK).^{1,2} Inhibited growth of multiple human tumor xenografts in mice. GSK2656157 has also been found to potently inhibit RIPK1 (IC₅₀ = 69 nM) and TNF-mediated RIPK1 kinase-dependent cell death in mouse embryonic fibroblasts.³ It prevented the loss of dendritic spines and rescued memory deficits after traumatic brain injury.⁴ GSK2656157 also enhanced glucose-stimulated insulin secretion in a mouse model of type 2 diabetes mellitus.⁵