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Product Datasheet

GSK2606414
FBM-10-4716

Article Name	GSK2606414
Biozol Catalog Number	FBM-10-4716
Supplier Catalog Number	10-4716
Alternative Catalog Number	FBM-10-4716-5MG,FBM-10-4716-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	PERK inhibitor...
Molecular Weight	451.44
Purity	98% by HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[1337531-36-8]
Formula	C ₂₄ H ₂₀ F ₃ N ₅ O
Application Notes	Potent (IC ₅₀ = 0.4 nM) and selective (against a panel of 294 kinases) inhibitor of protein kinase R-like endoplasmic reticulum kinase (PERK), an important effector of the unfolded protein response (UPR). ¹ It prevented neurodegeneration in a mouse model of frontotemporal dementia ² and rodent models of Parkinsons disease via modulation of the UPR ³ . GSK2606414 has been reported to be a potent inhibitor of RIPK1 (IC ₅₀ = 18 nM). ⁴ It has also displayed neuroprotective effects in various models of stroke. ⁵⁻⁷