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## Product Datasheet

### **GSK2606414, CAS [[1337531-36-8]] FBM-10-4716**

Article Name	GSK2606414, CAS [[1337531-36-8]]
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 <sub>24</sub> H <sub>20</sub> F <sub>3</sub> N <sub>5</sub> O
Application Notes	Potent (IC <sub>50</sub> = 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). <sup>1</sup> It prevented neurodegeneration in a mouse model of frontotemporal dementia <sup>2</sup> and rodent models of Parkinsons disease via modulation of the UPR <sup>3</sup> . GSK2606414 has been reported to be a potent inhibitor of RIPK1 (IC <sub>50</sub> = 18 nM). <sup>4</sup> It has also displayed neuroprotective effects in various models of stroke. <sup>5-7</sup>