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## Product Datasheet

### **GLPG3970, CAS [[2403733-82-2]] FBM-10-4446**

Article Name	GLPG3970, CAS [[2403733-82-2]]
Biozol Catalog Number	FBM-10-4446
Supplier Catalog Number	10-4446
Alternative Catalog Number	FBM-10-4446-5MG,FBM-10-4446-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	SIK2/3 inhibitor...
Molecular Weight	504.51
Purity	>98% by HPLC NMR (conforms)
Form	Off-white solid
CAS Number	[2403733-82-2]
Formula	C <sub>25</sub> H <sub>27</sub> F <sub>3</sub> N <sub>4</sub> O <sub>4</sub>
Application Notes	GLPG3970 is a potent and selective (against a panel of 372 kinases) SIK2/3 inhibitor (IC <sub>50</sub> s: SIK2 = 7.8 nM, SIK3 = 3.8 nM). <sup>1</sup> It reduced THFalpha and increased IL-10 levels in an LPS challenge model in mice and displayed efficacy in a mouse model of colitis. GLPG3970 promoted reprogramming of human myeloid cells toward an anti-inflammatory phenotype, reprogrammed monocyte-dendritic differentiation toward stable tolerogenic phenotypes, and suppressed T-cell activation. <sup>2</sup> It also displayed efficacy in mouse models of psoriasis and arthritis.