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## Product Datasheet

### **LYS6K2, CAS [[1082949-67-4]]** **FBM-10-1395**

Article Name	LYS6K2, CAS [[1082949-67-4]]
Biozol Catalog Number	FBM-10-1395
Supplier Catalog Number	10-1395
Alternative Catalog Number	FBM-10-1395-5MG, FBM-10-1395-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	S6K inhibitor...
Molecular Weight	445.42
Purity	97% by HPLC, NMR (conforms)
Form	Yellow solid
CAS Number	[1082949-67-4]
Formula	C21H19F4N7
Application Notes	A selective inhibitor of the p70 ribosomal S6 kinase (S6K)1. Blocks the phosphorylation of S6 at concentrations as low as 0.1-0.3 $\mu$ M with no activity at GSK3 $\beta$ and Erk1/2 at 10 $\mu$ M2. Useful tool to dissect insulin receptor signaling pathways and was employed to show that the action of mTORC1 on SREB P-1c expression is not mediated by S6K2. Cell permeable.