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Product Datasheet

P053, CAS [[1022417-69-1]] **FBM-10-4060**

Article Name	P053, CAS [[1022417-69-1]]
Biozol Catalog Number	FBM-10-4060
Supplier Catalog Number	10-4060
Alternative Catalog Number	FBM-10-4060-5MG, FBM-10-4060-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Protein phosphatase 5 inhibitor...
Molecular Weight	342.41
Purity	>98% by HPLC NMR (Conforms)
Form	Beige solid
CAS Number	[1022417-69-1]
Formula	C18H18N2O3S
Application Notes	P053 is a selective inhibitor of protein phosphatase 5 (PP5) - IC50 = 706 nM. ¹ PP5 regulates signaling cascades that are responsible for tumor initiation, progression, and metastasis and is thus an interesting anticancer target. P053 induced apoptosis in 786-O renal carcinoma cells. Inhibition of PP5 by P053 prevents deactivation of the death effector protein FADD and activates the extrinsic apoptosis pathway complex II.