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## Product Datasheet

### IPA-3, CAS [[42521-82-4]] FBM-10-4765

Article Name	IPA-3, CAS [[42521-82-4]]
Biozol Catalog Number	FBM-10-4765
Supplier Catalog Number	10-4765
Alternative Catalog Number	FBM-10-4765-10MG,FBM-10-4765-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	PAK1 inhibitor...
Molecular Weight	350.45
Purity	98% by TLC (methylene chloride, Rf=0.75) NMr (Conforms)
Form	Yellow solid
CAS Number	[42521-82-4]
Formula	C20H14O2S2
Application Notes	IPA-3 is a selective allosteric inhibitor of Group 1 p21-activated kinase (PAK1 IC50 = 2.5 $\mu$ M) <sup>1</sup> via covalent binding to the PAK1 regulatory domain preventing binding to the upstream activator Cdc422. IPA-3 has been shown to induce cell death in human leukemic cell lines <sup>3</sup> , significantly inhibit TGFbeta1-induced prostate cell epithelial to mesenchymal transition <sup>4</sup> and inhibits the growth of liver cancer cells <sup>5</sup> .