

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

IPA-3 FBM-10-4765

Article Name	IPA-3
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 μ M) ¹ 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 ³ , significantly inhibit TGFbeta1-induced prostate cell epithelial to mesenchymal transition ⁴ and inhibits the growth of liver cancer cells ⁵ .