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Product Datasheet

PIT-1, CAS [[53501-41-0]] **FBM-10-1192**

Article Name	PIT-1, CAS [[53501-41-0]]
Biozol Catalog Number	FBM-10-1192
Supplier Catalog Number	10-1192
Alternative Catalog Number	FBM-10-1192-10MG, FBM-10-1192-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	PH domain antagonist...
Molecular Weight	351.76
Purity	98% by TLC, NMR (Conforms)
Form	Grey solid
CAS Number	[53501-41-0]
Formula	C ₁₄ H ₁₀ CIN ₃ O ₄ S
Application Notes	PH domain antagonist. Specifically blocks the binding of PIP3 to the Akt pleckstrin homology domain (IC ₅₀ = 31 µM). Suppresses PI3K-PDK1-Akt-dependent phosphorylation. Induces apoptosis in PTEN-deficient U87MG glioblastoma cells (IC ₅₀ = 37 µM) ¹ . Inhibiting the binding of PIP3 to effector PH domains is new point of intervention in the PI3K signaling network ² .