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Product Datasheet

Locostatin FBM-10-5381

Article Name	Locostatin
Biozol Catalog Number	FBM-10-5381
Supplier Catalog Number	10-5381
Alternative Catalog Number	FBM-10-5381-5MG,FBM-10-5381-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	RKIP/Raf-1 kinase disruptor...
Molecular Weight	245.28
Purity	98% by TLC NMR (Conforms)
Form	Off-white solid
CAS Number	[133812-16-5]
Formula	C ₁₄ H ₁₅ O ₃
Application Notes	Inhibits cell migration by disrupting the interaction between Raf kinase inhibitor protein (RKIP) and Raf-1 kinase. ¹ Locostatin covalently binds to His86 of RKIP and also disrupts its interaction with G protein-coupled receptor kinase. ² Effectively inhibits cytokine release by human lymphocytes. ³ Alleviates CCl ₄ -induced liver fibrosis in a mouse model. ⁴ A useful probe to explore the complex functions of RKIP in cell physiology. ⁵