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Product Datasheet

Indirubin-3-monoxime, CAS [[160807-49-8]] FBM-10-1488

Article Name	Indirubin-3-monoxime, CAS [[160807-49-8]]
Biozol Catalog Number	FBM-10-1488
Supplier Catalog Number	10-1488
Alternative Catalog Number	FBM-10-1488-5MG, FBM-10-1488-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	GSK-3b and CDK inhibitor...
Molecular Weight	277.29
Purity	98% by TLC, NMR (conforms)
Form	Dark red or brown solid
CAS Number	[160807-49-8]
Formula	C ₁₆ H ₁₁ N ₃ O ₂
Application Notes	A potent GSK-3beta inhibitor (IC ₅₀ =22 nM) ¹ . Also inhibits CDK1 (IC ₅₀ =180 nM) and CDK5 (IC ₅₀ =100 nM) ¹ . Displays antimitotic properties and induces endoreplication following prophase arrest in HBL-100 cells ² . Possesses antiangiogenic activity ³ . Attenuates beta-amyloid-associated neuropathology in a mouse model of Alzheimers disease ⁴ . Cell permeable.