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Product Datasheet

DMOG, CAS [[89464-63-1]] FBM-10-2371

Article Name	DMOG, CAS [[89464-63-1]]
Biozol Catalog Number	FBM-10-2371
Supplier Catalog Number	10-2371
Alternative Catalog Number	FBM-10-2371-50MG, FBM-10-2371-100MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Inhibits prolyl hydroxylase domain-containing proteins...
Molecular Weight	175.14
Purity	99% by TLC, NMR (Conforms)
Form	Off-white solid
CAS Number	[89464-63-1]
Formula	C ₆ H ₉ NO ₅
Application Notes	Inhibits PHD or prolyl hydroxylase domain-containing proteins, activating HIF1α ^{1,2} and inhibiting JMJD2A (IC ₅₀ = 2.5 μM) ³ . Displays neuroprotective effects. Inhibits neuronal cell death caused by neurotrophin deprivation ⁴ . Prevents activation of the ATR/CHK1/p53 pathway and suppresses apoptosis induced by DNA damage ⁵ .