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Product Datasheet

Kenpaullone, CAS [[142273-20-9]] FBM-10-3028

Article Name	Kenpaullone, CAS [[142273-20-9]]
Biozol Catalog Number	FBM-10-3028
Supplier Catalog Number	10-3028
Alternative Catalog Number	FBM-10-3028-5MG, FBM-10-3028-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	GSK-3 β /CDK/KLF4 inhibitor...
Molecular Weight	327.18
Purity	>98% by TLC, NMR (Conforms)
Form	Off-white solid
CAS Number	[142273-20-9]
Formula	C ₁₆ H ₁₁ BrN ₂ O
Application Notes	Inhibits GSK-3 β (IC ₅₀ =0.23 μ M) as well as several cyclin-dependent kinases (CDKs), IC ₅₀ =0.4, 0.68 and 0.85 μ M for cdk1, cdk2 and cdk5 respectively. ¹⁻³ Induces pluripotent stem cells from somatic cells ⁴ and increases direct neural conversion of human fibroblasts ⁵ when used with other small molecules. Inhibits Kruppel-Like Factor 4 (KLF4) reducing autoimmune arthritis in the collagen-induced arthritis mouse model. ⁶