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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 $\beta$ /CDK/KLF4 inhibitor...
Molecular Weight	327.18
Purity	>98% by TLC, NMR (Conforms)
Form	Off-white solid
CAS Number	[142273-20-9]
Formula	C <sub>16</sub> H <sub>11</sub> BrN <sub>2</sub> O
Application Notes	Inhibits GSK-3 $\beta$ (IC <sub>50</sub> =0.23 $\mu$ M) as well as several cyclin-dependent kinases (CDKs), IC <sub>50</sub> =0.4, 0.68 and 0.85 $\mu$ M for cdk1, cdk2 and cdk5 respectively. <sup>1-3</sup> Induces pluripotent stem cells from somatic cells <sup>4</sup> and increases direct neural conversion of human fibroblasts <sup>5</sup> when used with other small molecules. Inhibits Kruppel-Like Factor 4 (KLF4) reducing autoimmune arthritis in the collagen-induced arthritis mouse model. <sup>6</sup>