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## Product Datasheet

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

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| Artikelname              | Kenpaullone, CAS [[142273-20-9]]                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Artikelnummer            | FBM-10-3028                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Hersteller Artikelnummer | 10-3028                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Alternativnummer         | FBM-10-3028-5MG, FBM-10-3028-25MG                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Produktbeschreibung      | GSK-3β/CDK/KLF4 inhibitor...                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Molekulargewicht         | 327.18                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Reinheit                 | >98% by TLC, NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Formulierung             | Off-white solid                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| CAS Nummer               | [142273-20-9]                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Formel                   | C16H11BrN2O                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Anwendungsbeschreibung   | Inhibits GSK-3beta (IC50=0.23 μM) as well as several cyclin-dependent kinases (CDKs), IC50=0.4, 0.68 and 0.85 μM 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> |