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## Product Datasheet

### **CHIR-99021, CAS [[252917-06-9]] FBM-10-1279**

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| Artikelname              | CHIR-99021, CAS [[252917-06-9]]                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Artikelnummer            | FBM-10-1279                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Hersteller Artikelnummer | 10-1279                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Alternativnummer         | FBM-10-1279-5MG, FBM-10-1279-25MG, FBM-10-1279-10MM/1MLDMSO                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Produktbeschreibung      | GSK3beta inhibitor...                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Molekulargewicht         | 465.35                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Reinheit                 | 99% by TLC, NMR (conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Formulierung             | Tan solid                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| CAS Nummer               | [252917-06-9]                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Formel                   | C22H18Cl2N8                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Anwendungsbeschreibung   | Potent and selective inhibitor of glycogen synthase kinase-3beta (GSK3beta, IC50 = 5 nM) and GSK3alpha (IC50 = 10 nM) <sup>1</sup> . Induces osteoblastogenesis, increases mineralization and inhibits adipogenesis in ST2 cells <sup>2</sup> . Promotes replication and survival of pancreatic beta cells <sup>3</sup> . Enhances differentiation and reduces proliferation of adult human olfactory epithelium neural precursors <sup>4</sup> . Cell permeable and active in vivo. |