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## Product Datasheet

**Wnt-C59, CAS [[1243243-89-1]]**  
**FBM-10-4605**

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|--------------------------|--|
| Artikelname              | Wnt-C59, CAS [[1243243-89-1]]  |
| Artikelnummer            | FBM-10-4605  |
| Hersteller Artikelnummer | 10-4605  |
| Alternativnummer         | FBM-10-4605-5MG,FBM-10-4605-25MG   |
| Hersteller               | Focus Biomolecules   |
| Kategorie                | Biochemikalien   |
| Produktbeschreibung      | Porcupine inhibitor...   |
| Molekulargewicht         | 379.46   |
| Reinheit                 | >98% by HPLC NMR (Conforms)  |
| Formulierung             | Tan Solid  |
| CAS Nummer               | [1243243-89-1]   |
| Formel                   | C <sub>25</sub> H <sub>21</sub> N <sub>3</sub> O   |
| Anwendungsbeschreibung   | <p>Wnt-C59 is a potent (IC<sub>50</sub> = 74 pmol/L) inhibitor of Porcupine (PORCN), a Wnt-acyltransferase. Blockage of Wnt-acyltransferase prevents secretion of all Wnt isoforms. It was able to block progression of mammary tumors in MMTV-WNT1 transgenic mice.<sup>1</sup> Wnt-C59 strongly inhibited the growth of intestinal neoplasia in RZ-mutant mice. Wnt-C59 was able to efficiently differentiate pluripotent stem cells into cortical neurons (CTIP2+/COUP-TF1). Wnt-C59 was also able to dramatically attenuate kidney fibrosis via inhibition of collagen mRNA expression and expression of inflammatory cytokines.</p> |