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## Product Datasheet

### iFSP1 FBM-10-5043

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| Artikelname              | iFSP1                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Artikelnummer            | FBM-10-5043                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Hersteller Artikelnummer | 10-5043                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Alternativnummer         | FBM-10-5043-5MG,FBM-10-5043-25MG                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Produktbeschreibung      | FSP1 inhibitor...                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Molekulargewicht         | 323.36                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Reinheit                 | >98% by TLC NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Formulierung             | Yellow solid                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| CAS Nummer               | [150651-39-1]                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Formel                   | C20H13N5                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Anwendungsbeschreibung   | iFSP1 inhibits ferroptosis suppressor protein 1, inducing ferroptosis. <sup>1</sup> iFSP1 synergizes with GPX4 inhibitors to initiate ferroptosis in cancer cells. <sup>1</sup> It potently induced ferroptosis, which promoted innate and adaptive anti-tumor immune responses, in human hepatocellular carcinoma cells which overexpress FSP1. <sup>2</sup> A useful tool for establishing ferroptotic cells in Alzheimers disease models. <sup>3</sup> |