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## Product Datasheet

### **SX-682, CAS [[1648843-04-2]] FBM-10-4925**

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| Artikelname              | SX-682, CAS [[1648843-04-2]]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Artikelnummer            | FBM-10-4925                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Hersteller Artikelnummer | 10-4925                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Alternativnummer         | FBM-10-4925-5MG,FBM-10-4925-25MG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Produktbeschreibung      | CXCR1/2 inhibitor...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Molekulargewicht         | 467.20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Reinheit                 | 98% by HPLC NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Formulierung             | Off-white solid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| CAS Nummer               | [1648843-04-2]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Formel                   | C19H14BF4N3O4S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Anwendungsbeschreibung   | SX-682 is a novel CXCR1/2 inhibitor (IC50s: CXCR1 = 42 nM, CXCR2 = 20 nM) <sup>1</sup> . It displayed robust synergistic activity with immune checkpoint blockade against castration resistant prostate cancer. <sup>2</sup> It significantly reduced tumor burden in a Ptenfl/fl/Lkb1fl/fl mouse model of lung squamous cell cancer when used in combination with anti-PD1 therapy. <sup>3</sup> SX-682 significantly inhibited trafficking of neutrophilic myeloid-derived suppressor cells (PMN-MDSCs) enhancing anti-PD1 immune checkpoint blockade, T cell-based immunotherapy, and NK-cell immunotherapy. <sup>4,5</sup> |