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## Product Datasheet

### **GSK-1016790A, CAS [[942206-85-1]] FBM-10-1198**

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| Article Name               | GSK-1016790A, CAS [[942206-85-1]]                                                                                                                                                                                                                                                                                                                                                                                                 |
| Biozol Catalog Number      | FBM-10-1198                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Supplier Catalog Number    | 10-1198                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Alternative Catalog Number | FBM-10-1198-5MG,FBM-10-1198-25MG                                                                                                                                                                                                                                                                                                                                                                                                  |
| Manufacturer               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Product Description        | TRPV4 channel blocker...                                                                                                                                                                                                                                                                                                                                                                                                          |
| Molecular Weight           | 655.62                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Purity                     | 98% by TLC, NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                        |
| Form                       | white solid                                                                                                                                                                                                                                                                                                                                                                                                                       |
| CAS Number                 | [942206-85-1]                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Formula                    | C28H32Cl2N4O6S2                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Application Notes          | A novel and potent TRPV4 channel agonist. GSK1016790A induced Ca <sup>2+</sup> influx in mouse and human TRPV4 expressing HEK cells (EC <sub>50</sub> values of 18 and 2.1 nM, respectively), and evoked a dose-dependent activation of TRPV4 whole-cell currents at concentrations above 1 nM. It is 300-fold more potent than 4alpha-PDD and is a valuable tool for investigating the role of TRPV4 in physiological processes. |