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## Product Datasheet

### **SB-216763, CAS [[280744-09-4]]** **FBM-10-2338**

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| Article Name               | SB-216763, CAS [[280744-09-4]]                                                                                                                                                                                                                                                                                                                                                       |
| Biozol Catalog Number      | FBM-10-2338                                                                                                                                                                                                                                                                                                                                                                          |
| Supplier Catalog Number    | 10-2338                                                                                                                                                                                                                                                                                                                                                                              |
| Alternative Catalog Number | FBM-10-2338-5MG,FBM-10-2338-25MG                                                                                                                                                                                                                                                                                                                                                     |
| Manufacturer               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                   |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                       |
| Product Description        | GSK-3 inhibitor...                                                                                                                                                                                                                                                                                                                                                                   |
| Molecular Weight           | 371.23                                                                                                                                                                                                                                                                                                                                                                               |
| Purity                     | 98% by TLC [1% CH <sub>3</sub> OH in CH <sub>2</sub> Cl <sub>2</sub> , R <sub>f</sub> = 0.17] NMR (Conforms)                                                                                                                                                                                                                                                                         |
| Form                       | Orange solid                                                                                                                                                                                                                                                                                                                                                                         |
| CAS Number                 | [280744-09-4]                                                                                                                                                                                                                                                                                                                                                                        |
| Formula                    | C <sub>19</sub> H <sub>12</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>2</sub>                                                                                                                                                                                                                                                                                                        |
| Application Notes          | Potent and selective inhibitor of glycogen synthase kinase-1 (GSK-3) IC <sub>50</sub> =34.3 nM <sup>1</sup> . Acts at the ATP-binding domain. Displays protective effects in lung fibrosis mouse model <sup>2</sup> . Displays neuroprotective effects on cultured neurons <sup>3</sup> . Maintains mouse embryonic stem cells in a pluripotent state <sup>4</sup> . Cell permeable. |