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## Product Datasheet

### **GW1100, CAS [[306974-70-9]] FBM-10-4516**

|                            |                                                                                                                                                                                                                                                                                                                                                                      |
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| Article Name               | GW1100, CAS [[306974-70-9]]                                                                                                                                                                                                                                                                                                                                          |
| Biozol Catalog Number      | FBM-10-4516                                                                                                                                                                                                                                                                                                                                                          |
| Supplier Catalog Number    | 10-4516                                                                                                                                                                                                                                                                                                                                                              |
| Alternative Catalog Number | FBM-10-4516-5MG,FBM-10-4516-25MG                                                                                                                                                                                                                                                                                                                                     |
| Manufacturer               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                   |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                                                                                                       |
| Product Description        | GPR40 antagonist...                                                                                                                                                                                                                                                                                                                                                  |
| Molecular Weight           | 520.59                                                                                                                                                                                                                                                                                                                                                               |
| Purity                     | 96% by LCMS NMR (Conforms)                                                                                                                                                                                                                                                                                                                                           |
| Form                       | White solid                                                                                                                                                                                                                                                                                                                                                          |
| CAS Number                 | [306974-70-9]                                                                                                                                                                                                                                                                                                                                                        |
| Formula                    | C27H25FN4O4S                                                                                                                                                                                                                                                                                                                                                         |
| Application Notes          | Selective antagonist of GPR40. GW1100 inhibits GRP40-mediated Ca <sup>2+</sup> increases stimulated GW9508 or linoleic acid (pIC <sub>50</sub> = 5.99 for either agonist). <sup>1</sup> The effects of GPR40 activation on insulin secretion in cells are also blocked by the addition of GW1100. GW1100 does not influence calcium mobilization mediated by GPR120. |