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## Product Datasheet

### **Xestospongine C, CAS [[88903-69-9]]** **ENZ-BML-CA409-0050**

|                            |                                                                                                                                                                                                                                                                                        |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Xestospongine C, CAS [[88903-69-9]]                                                                                                                                                                                                                                                    |
| Biozol Catalog Number      | ENZ-BML-CA409-0050                                                                                                                                                                                                                                                                     |
| Supplier Catalog Number    | BML-CA409-0050                                                                                                                                                                                                                                                                         |
| Alternative Catalog Number | ENZ-BML-CA409-0050-50                                                                                                                                                                                                                                                                  |
| Manufacturer               | Enzo Life Sciences                                                                                                                                                                                                                                                                     |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                         |
| Product Description        | Xestospongine C is a structurally novel marine alkaloid isolated from the Okinawan sponge Xestospongia sp. It is a potent, cell-permeable inhibitor of IP3 receptor-mediated Ca <sup>2+</sup> release (IC <sub>50</sub> = 358 nM). However, since xestospongine C also inhibits vol... |
| Molecular Weight           | 446.7                                                                                                                                                                                                                                                                                  |
| Source                     | Synthetic.                                                                                                                                                                                                                                                                             |
| Purity                     | 90% (TLC)                                                                                                                                                                                                                                                                              |
| CAS Number                 | [88903-69-9]                                                                                                                                                                                                                                                                           |
| Formula                    | C <sub>28</sub> H <sub>50</sub> N <sub>2</sub> O <sub>2</sub>                                                                                                                                                                                                                          |
| Target                     | IP3 receptor                                                                                                                                                                                                                                                                           |