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## Product Datasheet

### **Splitomicin (Splitomycin, 1,2-Dihydro-3H-naphthopyran-3-one, 1-Naphthalen propanoic acid), CAS [[5690-03-9]] USB-045308**

|                            |                                                                                                                                                                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Splitomicin (Splitomycin, 1,2-Dihydro-3H-naphthopyran-3-one, 1-Naphthalen propanoic acid), CAS [[5690-03-9]]                                                                                                                                                               |
| Biozol Catalog Number      | USB-045308                                                                                                                                                                                                                                                                 |
| Supplier Catalog Number    | 045308                                                                                                                                                                                                                                                                     |
| Alternative Catalog Number | USB-045308-1,USB-045308-5,USB-045308-25                                                                                                                                                                                                                                    |
| Manufacturer               | US Biological                                                                                                                                                                                                                                                              |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                             |
| Product Description        | Potent cell permeable and selective inhibitor of yeast NAD <sup>+</sup> -dependent histone deacetylase (HDAC) Sir2p. Displays higher activity in vivo than in vitro. Sensitizes mammalian cells to a variety of DNA-damaging agents by abrogating Sir2p activity on p53... |
| Molecular Weight           | 198.2                                                                                                                                                                                                                                                                      |
| Purity                     | 98% (NMR)                                                                                                                                                                                                                                                                  |
| Form                       | Supplied as a white to off-white solid.                                                                                                                                                                                                                                    |
| CAS Number                 | [5690-03-9]                                                                                                                                                                                                                                                                |