

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### **Bafilomycin A1, CAS [[88899-55-2]] FBM-10-2060**

|                            |   |
|----------------------------|---|
| Article Name               | Bafilomycin A1, CAS [[88899-55-2]]  |
| Biozol Catalog Number      | FBM-10-2060   |
| Supplier Catalog Number    | 10-2060   |
| Alternative Catalog Number | FBM-10-2060-100UG,FBM-10-2060-1MG   |
| Manufacturer               | Focus Biomolecules  |
| Category                   | Biochemikalien  |
| Product Description        | Vacuolar H <sup>+</sup> ATPase inhibitor...   |
| Molecular Weight           | 622.84  |
| Purity                     | 95% by TLC, NMR (Conforms)  |
| Form                       | Off-white or yellow film  |
| CAS Number                 | [88899-55-2]  |
| Formula                    | C <sub>35</sub> H <sub>58</sub> O <sub>9</sub>  |
| Application Notes          | Macrolide antibiotic derived from <i>Streptomyces griseus</i> that is a potent and selective inhibitor of vacuolar H <sup>+</sup> -ATPases (IC <sub>50</sub> = 0.6 - 1.5 nM). <sup>1,2</sup> Inhibits autophagy via disruption of fusion between autophagosomes and lysosomes. <sup>3</sup> |