

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

## Product Datasheet

### **Borrelidin, CAS [[7184-60-3]]** **FBM-10-1399**

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Borrelidin, CAS [[7184-60-3]]                                                                                                                                                                                                                                                                                                                                                                                    |
| Biozol Catalog Number      | FBM-10-1399                                                                                                                                                                                                                                                                                                                                                                                                      |
| Supplier Catalog Number    | 10-1399                                                                                                                                                                                                                                                                                                                                                                                                          |
| Alternative Catalog Number | FBM-10-1399-1MG,FBM-10-1399-5MG                                                                                                                                                                                                                                                                                                                                                                                  |
| Manufacturer               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                               |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                   |
| Product Description        | Angiogenesis inhibitor...                                                                                                                                                                                                                                                                                                                                                                                        |
| Molecular Weight           | 489.66                                                                                                                                                                                                                                                                                                                                                                                                           |
| Purity                     | 98% by HPLC, NMR (conforms)                                                                                                                                                                                                                                                                                                                                                                                      |
| Form                       | Off-white solid                                                                                                                                                                                                                                                                                                                                                                                                  |
| CAS Number                 | [7184-60-3]                                                                                                                                                                                                                                                                                                                                                                                                      |
| Formula                    | C <sub>28</sub> H <sub>43</sub> NO <sub>6</sub>                                                                                                                                                                                                                                                                                                                                                                  |
| Application Notes          | Novel macrolide which inhibits bacterial and eukaryotic threonyl-tRNA synthetase.1 Displays potent anti-angiogenic activity (IC <sub>50</sub> =0.8 nM) and induces the collapse of newly formed capillary tubules.2 Modulates alternative splicing of VEGF in favor of anti-angiogenic isoforms.3 Induces apoptosis in ALL cell lines.4 Induces unfolded protein response in oral cancer cells.5 Cell permeable. |