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## Product Datasheet

### **Borrelidin** **FBM-10-1399**

Article Name	Borrelidin
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> N <sub>6</sub> O <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.