

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. <sup>1</sup> Displays potent anti-angiogenic activity (IC <sub>50</sub> =0.8 nM) and induces the collapse of newly formed capillary tubules. <sup>2</sup> Modulates alternative splicing of VEGF in favor of anti-angiogenic isoforms. <sup>3</sup> Induces apoptosis in ALL cell lines. <sup>4</sup> Induces unfolded protein response in oral cancer cells. <sup>5</sup> Cell permeable.