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## Product Datasheet

### Ascochlorin, CAS [[26166-39-2]] FBM-10-5296

Article Name	Ascochlorin, CAS [[26166-39-2]]
Biozol Catalog Number	FBM-10-5296
Supplier Catalog Number	10-5296
Alternative Catalog Number	FBM-10-5296-100UG, FBM-10-5296-500UG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Mitochondrial cytochrome bc1 complex inhibitor...
Molecular Weight	404.93
Purity	>98% by HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[26166-39-2]
Formula	C <sub>23</sub> H <sub>29</sub> ClO <sub>4</sub>
Application Notes	Ascochlorin is a novel isoprenoid phenol isolated from <i>Acremonium</i> <i>egyptiacum</i> and other species. <sup>1</sup> It is a novel, specific inhibitor of the mitochondrial cytochrome bc1 complex (mitochondrial respiratory chain complex III) acting at both active sites. <sup>2</sup> It induces caspase-independent necroptosis in LPS-stimulated RAW 264.7 macrophages <sup>3</sup> resulting in anti-inflammatory effects <sup>4</sup> . Demonstrates substantial antineoplastic effects in a variety of tumor cell lines and mouse models. <sup>5</sup>