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Product Datasheet

Cercosporin, CAS [[35082-49-6]] FBM-10-3447

Article Name	Cercosporin, CAS [[35082-49-6]]
Biozol Catalog Number	FBM-10-3447
Supplier Catalog Number	10-3447
Alternative Catalog Number	FBM-10-3447-1MG,FBM-10-3447-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	ROS-generating fungal toxin...
Molecular Weight	534.52
Purity	98% by HPLC NMR (Conforms)
Form	Dark red solid
CAS Number	[35082-49-6]
Formula	C ₂₉ H ₂₆ O ₄
Application Notes	Perylenequinone from the fungus <i>Cercospora kikuchii</i> . Upon photo-activation, perylenequinones display almost universal toxicity to a broad variety of organisms.1 Exposure to visible and near-UV light activates this family of quinones to an excited triplet state that reacts with oxygen to form reactive oxygen species.2 Displays antiproliferative effects in various tumor cell lines.3 Selectively inhibits PKC (IC ₅₀ =0.6-1.3 mM) over PKA and PPK.4