

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

Product Datasheet

Seriniquinone FBM-10-1608

Article Name	Seriniquinone
Biozol Catalog Number	FBM-10-1608
Supplier Catalog Number	10-1608
Alternative Catalog Number	FBM-10-1608-1MG,FBM-10-1608-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Autophagy inducer...
Molecular Weight	344.34
Purity	98% by TLC, NMR (Conforms)
Form	Orange solid
CAS Number	[22200-69-7]
Formula	C ₂₀ H ₈ O ₄ S
Application Notes	A new natural product isolated from a marine bacterium of the genus Serinicoccus. Displays selective toxicity against a distinct set of cell lines (within the NCI 60 panel) predominantly melanoma. Upon cellular treatment, seriniquinone was found to localize in the endoplasmic reticulum. Within 3 hours cells underwent autophagy followed by death via a caspase-9 apoptotic pathway. The target of seriniquinone was identified as the small protein, dermcidin as determined using an immunoaffinity approach. ¹