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Product Datasheet

Seriniquinone FBM-10-1608

Artikelname	Seriniquinone
Artikelnummer	FBM-10-1608
Hersteller Artikelnummer	10-1608
Alternativnummer	FBM-10-1608-1MG,FBM-10-1608-5MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Autophagy inducer...
Molekulargewicht	344.34
Reinheit	98% by TLC, NMR (Conforms)
Formulierung	Orange solid
CAS Nummer	[22200-69-7]
Formel	C ₂₀ H ₈ O ₄ S
Anwendungsbeschreibung	A new natural product isolated from a marine bacterium of the genus <i>Serinicoccus</i> . 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