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Product Datasheet

Ophiobolin, CAS [[4611-05-6]]

FBM-10-3150

Article Name	Ophiobolin, CAS [[4611-05-6]]
Biozol Catalog Number	FBM-10-3150
Supplier Catalog Number	10-3150
Alternative Catalog Number	FBM-10-3150-200UG, FBM-10-3150-1MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Autophagy inducer / Anticancer...
Molecular Weight	400.55
Purity	98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[4611-05-6]
Formula	C ₂₅ H ₃₆ O ₄
Application Notes	Selectively inhibits the growth of cancer cells (IC ₅₀ =0.4-4.3 M) over normal cells (IC ₅₀ =20.9 M). ¹ Induces non-apoptotic cell death in glioblastoma cells and is active in an in vivo model. ² Covalently reacts with primary amines such as lysine side chains ² and phosphatidylethanolamine ³ forming unique pyrrole adducts. Induces ER stress ⁴ , paraptosis ⁴ and autophagy ⁵ .