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Product Datasheet

Antimycin A, CAS [[1397-94-0]] FBM-10-2611

Article Name	Antimycin A, CAS [[1397-94-0]]
Biozol Catalog Number	FBM-10-2611
Supplier Catalog Number	10-2611
Alternative Catalog Number	FBM-10-2611-10MG,FBM-10-2611-50MG,FBM-10-2611-10MM/1MLDMSO
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Mitochondrial complex III inhibitor...
Molecular Weight	548.63
Purity	>97% by TLC, NMR (Conforms)
Form	White solid
CAS Number	[1397-94-0]
Formula	C ₂₈ H ₄₀ N ₂ O ₉
Application Notes	Mitochondrial electron transport inhibitor at complex III. Induces apoptosis in various cell lines. ¹ Antimycin A may be used to generate cellular models of degenerative disorders by blocking the mitochondrial electron transport chain, disrupting energy metabolism, and elevating ROS levels. ²⁻⁴ Induces canonical PINK1-Parkin-dependent mitophagy in Parkin overexpressing cells upon cotreatment with oligomycin. ⁵