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Product Datasheet

Thiostrepton, CAS [[1393-48-2]]

FBM-10-2108

Article Name	Thiostrepton, CAS [[1393-48-2]]
Biozol Catalog Number	FBM-10-2108
Supplier Catalog Number	10-2108
Alternative Catalog Number	FBM-10-2108-1G, FBM-10-2108-5G
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Antibiotic and FOXM1 inhibitor...
Molecular Weight	1664.91
Purity	98% by TLC and HPLC
Form	Off-white solid
CAS Number	[1393-48-2]
Formula	C72H85N19O18S5
Application Notes	Novel cyclopeptide antibiotic. Blocks bacterial protein synthesis by inhibition of mRNA-tRNA translocation by GTPase elongation factor G (EF-G), EF-TU(GTP)-catalyzed aa-tRNA delivery as well as the activity of initiation factor-1 (IF-2)1-2. Displays antitumor activity. Induces apoptosis and cell cycle arrest in various tumor cells via downregulation of FOXM1 expression3.