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Product Datasheet

CT-2584 FBM-10-4560

Article Name	CT-2584
Biozol Catalog Number	FBM-10-4560
Supplier Catalog Number	10-4560
Alternative Catalog Number	FBM-10-4560-5MG,FBM-10-4560-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	CTP: choline-phosphate cytidylyltransferase inhibitor...
Molecular Weight	629.90
Purity	98% by TLC, NMR (Conforms)
Form	White solid
CAS Number	[166981-13-1]
Formula	C30H55N5O3 CH3SO3H
Application Notes	CT-2584 is a cytotoxic agent that alters phospholipid biosynthesis via inhibition of CTP:choline-phosphate cytidylyltransferase causing an increase in phosphatidylinositol will decreasing levels of phosphatidylcholine. ¹ The altered phospholipid metabolism caused by CT-2584 results in a loss of lamellar structure and membrane integrity (especially in mitochondria and endoplasmic reticulum). CT-2584 was active against a wide range of tumor cell lines including multi-drug resistant lines. ²