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## Product Datasheet

### CT-2584 FBM-10-4560

Artikelname	CT-2584
Artikelnummer	FBM-10-4560
Hersteller Artikelnummer	10-4560
Alternativnummer	FBM-10-4560-5MG,FBM-10-4560-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	CTP: choline-phosphate cytidyltransferase inhibitor...
Molekulargewicht	629.90
Reinheit	98% by TLC, NMR (Conforms)
Formulierung	White solid
CAS Nummer	[166981-13-1]
Formel	C30H55N5O3 CH3SO3H
Anwendungsbeschreibung	CT-2584 is a cytotoxic agent that alters phospholipid biosynthesis via inhibition of CTP:choline-phosphate cytidyltransferase causing an increase in phosphatidylinositol will decreasing levels of phosphatidylcholine. <sup>1</sup> 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. <sup>2</sup>