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Product Datasheet

Tropodithietic acid, CAS [[750590-18-2]] FBM-10-3307

Article Name	Tropodithietic acid, CAS [[750590-18-2]]
Biozol Catalog Number	FBM-10-3307
Supplier Catalog Number	10-3307
Alternative Catalog Number	FBM-10-3307-1MG, FBM-10-3307-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Cytotoxic disulfide antibiotic...
Molecular Weight	212.25
Purity	98% by HPLC, NMR (Conforms)
Form	Orange
CAS Number	[750590-18-2]
Formula	C ₈ H ₄ O ₃ S ₂
Application Notes	Displays potent broad-spectrum anticancer activity. ¹ Displays cytotoxic effects on mammalian cell lines (neuronal N2a cells and OLN-93 cells as model systems for nerve cells and glia) acting via disruption of mitochondrial membrane potential, activation of ERK1/2 and induction of HSP32/HO-1 (considered as a sensor of oxidative stress). ² A broad-spectrum antibiotic agent produced by marine bacteria which does not appear to induce resistance after long-term exposure. ³