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Product Datasheet

M606 FBM-10-4952

Article Name	M606
Biozol Catalog Number	FBM-10-4952
Supplier Catalog Number	10-4952
Alternative Catalog Number	FBM-10-4952-5MG,FBM-10-4952-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Cell permeable iron chelator and MYC inhibitor...
Molecular Weight	300.4
Purity	>95% by TLC/NMR, NMR: (Conforms)
Form	Light brown solid
CAS Number	[298230-09-8]
Formula	C18H24N2O2
Application Notes	M606 is a cell permeable iron chelator that reduced MYCN mRNA and protein levels in BE(2)-C neuroblastoma cells as well as c-MYC protein levels in HepG2 human hepatoblastoma cells. It also significantly increased HIF1A levels in HepG2 cells independently from MYCN effects. M606 modulated glucose metabolism and inhibited TCA cycle activity in neuroblastoma cells. MYCN downregulation occurs via interaction of M606 with the activating transcription factor E2F3.