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Product Datasheet

C22 Ceramide FBM-10-1615

Article Name	C22 Ceramide
Biozol Catalog Number	FBM-10-1615
Supplier Catalog Number	10-1615
Alternative Catalog Number	FBM-10-1615-2MG,FBM-10-1615-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Mitochondrial lipid messenger...
Molecular Weight	622.06
Purity	98% by TLC, NMR (Conforms)
Form	White solid
CAS Number	[86950-30-4]
Formula	C40H79NO3
Application Notes	A long-chain ceramide containing behenic acid. Mitochondrial-to-cytosolic stress response (MCSR) is a recently identified stress response which can be induced by increased synthesis of fatty acids. C22-ceramide is an endogenous signaling lipid which specifically inhibits MCSR with no effect on unfolded protein responses within the mitochondria. ¹ Hearts overexpressing Acyl CoA synthetase1 contain elevated levels of C22-ceramide. ²