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Product Datasheet

Cerulenin, CAS [[17397-89-6]] FBM-10-2062

Article Name	Cerulenin, CAS [[17397-89-6]]
Biozol Catalog Number	FBM-10-2062
Supplier Catalog Number	10-2062
Alternative Catalog Number	FBM-10-2062-5MG,FBM-10-2062-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Fatty Acid Synthase inhibitor...
Molecular Weight	223.27
Purity	98% by TLC, NMR (Conforms)
Form	Off-white solid
CAS Number	[17397-89-6]
Formula	C ₁₂ H ₁₇ NO ₃
Application Notes	Fatty acid synthase (FAS) inhibitor. Binds to beta-keto-acyl-ACP synthase (KAS, IC ₅₀ =1.5 µM), thus inhibiting protein acylation at concentrations of 45-134 µM ¹ . Produces metabolic effects similar to the effects of leptin, but through mechanisms that are independent of, or down-stream of, both leptin and melanocortin receptors ² . Reduces nutrient-induced insulin release from normal rat islets ³ . Induces apoptosis in human melanoma A-375 cells ⁴ .