

Cerulenin

Cat. No. CEI-0482

Lot. No. (See product label)

Introduction

Description Antibiotic. Fatty acid synthase (FAS) inhibitor, reported to bind in equimolar ratio to β -keto-acyl-ACP synthase, thus inhibiting protein acylation. Produces metabolic effects similar to effects of leptin, but through mechanisms that are independent of, or downstream from, both leptin and melanocortin receptors. Apoptosis inducer. Inhibitor of bacterial fatty acid synthesis (inhibits FabH, FabB and FabF condensation enzymes).

Product Information

Appearance	Liquid
CAS No.	17397-89-6
Molecular Formula	$C_{12}H_{17}NO_3$
Chemical Name	2,3-Epoxy-4-oxo-7,10-dodecadienamide
Molecular Weight	378.43
Purity	>98% by HPLC
Targets	FASN

Storage and Shipping Information

Storage	-20 centigrade
Shipping Conditions	Gel pack