Creative Enzymes®

Amidepsine D, Humcola sp.

Cat. No. CEI-0458

Lot. No. (See product label)

Introduction

Description	An inhibitor of diacylglycerol acyltransferase (DGAT). Shows inhibitory effect in rat liver microsomes (IC50 = 17.5 μM) and Raji cells (IC50 = 2.8μM). Excessive accumulation of triacetylglycerol produced by DGAT may cause fatty liver, obesity and hypertriglyceridemia, which may lead to atherosclerosis, diabetes and metabolic disorders.

Product Information

Appearance	White to off-white solid
CAS No.	79786-34-8
Molecular Formula	C 26 H 24 NO 10
Chemical Name	N-[4-[[4-[(2,4-Dimethoxy-6-methylbenzoyl)oxy]-2-hydroxy-6-methylbenzoyl]oxy]-2-hydroxy-6-methylbenzoic acid
Molecular Weight	366.24
Purity	>95% by HPLC
Targets	DGAT1
Solubility	DMSO

Storage and Shipping Information

Storage	-20 centigrade
Shipping Conditions	Gel pack