

Amidepsine A, Humcola sp.

Cat. No. CEI-0457

Lot. No. (See product label)

Introduction

Description

A diacylglycerol acyltransferase (DGAT) inhibitor. Shows inhibitory effect in rat liver microsomes (IC₅₀ = 10.2 μM) and Raji cells (IC₅₀ = 15.5 μM). 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 solid
CAS No.	169181-28-6
Molecular Formula	C ₂₉ H ₂₉ NO ₁₁
Chemical Name	N-[4-[[4-[(2,4-Dimethoxy-6-methylbenzoyl)oxy]-2-hydroxy-6-methylbenzoyl]oxy]-2-hydroxy-6-methylbenzoyl]-L-alanine
Molecular Weight	266.33
Purity	>97% by HPLC
Targets	DGAT1
Solubility	DMSO (10 mg/ml) or EtOH

Storage and Shipping Information

Storage	-20 centigrade
Shipping Conditions	Gel pack