

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 = 2.8 μM). Excessive accumulation of triacetyl glycerol 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 C₂₆ H₂₄ NO₁₀

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