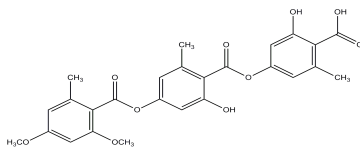


Amidepsine D, *Humcola* sp.

ALTERNATE NAME: N-[4-[[4-[(2,4-Dimethoxy-6-methylbenzoyl)oxy]-2-hydroxy-6-methylbenzoyl]oxy]-2-hydroxy-6-methylbenzoic acid

CATALOG #: 2148-500 500 µg
2148-1000 1 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₆H₂₄O₁₀

MOLECULAR WEIGHT: 496.48

CAS NUMBER: 79786-34-8

APPEARANCE: Slightly pinkish white Solid

Solubility: DMSO or EtOH

PURITY: ≥95% by HPLC

STORAGE: Store at -20°C. Protect from air and light

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 triacylglycerol produced by DGAT may cause fatty liver, obesity and hypertriglyceridemia, which may lead to atherosclerosis, diabetes and metabolic disorders.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

ACAT-1 Antibody (Cat. No. 3245-100)

ACAT-2 Antibody (Cat. No. 3254-100)

ACAT-2, human recombinant (Cat. No. 4910-20, 1000)

Amidepsine A (Cat. No. 2147-500, 1000)

Pellitorine (Cat. No. 2053-1, 5)

FOR RESEARCH USE ONLY! Not to be used in humans.