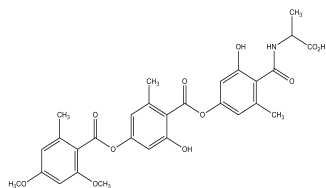


**Amidepsine A, *Humcola* sp.**

**ALTERNATE NAME:** N-[4-[[4-[(2,4-Dimethoxy-6-methylbenzoyl)oxy]-2-hydroxy-6-methylbenzoyl]oxy]-2-hydroxy-6-methylbenzoyl]-L-alanine

**CATALOG #:** 2147-500 500 µg  
2147-1000 1 mg

**STRUCTURE:**

**MOLECULAR FORMULA:** C<sub>29</sub>H<sub>29</sub>NO<sub>11</sub>

**MOLECULAR WEIGHT:** 567.55

**CAS NUMBER:** 169181-28-6

**APPEARANCE:** Off-white Solid

**Solubility:** DMSO or EtOH

**PURITY:** ≥95% by HPLC

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

**DESCRIPTION:** A diacylglycerol acyltransferase (DGAT) inhibitor. Shows inhibitory effect in rat liver microsomes (IC<sub>50</sub> = 10.2 µM) and Raji cells (IC<sub>50</sub> = 15.5 µM). 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 D (Cat. No. 2148-500, 1000)

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

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