

## 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 (IC<sub>50</sub> = 10.2 µM) and Raji cells (IC<sub>50</sub> = 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<sub>29</sub> H<sub>29</sub> NO<sub>11</sub>

**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