

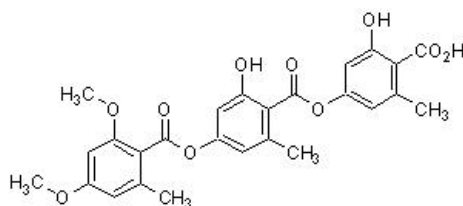
Product datasheet

Amidepsine D, DGAT inhibitor ab144180

Overview

<b>Product name</b>	Amidepsine D, DGAT inhibitor
<b>Description</b>	DGAT inhibitor
<b>Biological description</b>	DGAT inhibitor (IC <sub>50</sub> values are 17.5 and 2.8 μM for rat liver microsomes and Raji cells respectively). May show hepatoprotective and antidiabetic effects <i>in vivo</i> .
<b>Purity</b>	> 95%
<b>CAS Number</b>	79786-34-8

Chemical structure



Properties

<b>Chemical name</b>	4-[4-(2,4-Dimethoxy-6-methylbenzoyl)oxy-2-hydroxy-6-methylbenzoyl]oxy-2-hydroxy-6-methylbenzoic acid
<b>Molecular weight</b>	496.46
<b>Molecular formula</b>	C <sub>26</sub> H <sub>24</sub> O <sub>10</sub>
<b>PubChem identifier</b>	10391109
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in DMSO
<b>Handling</b>	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.  Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.
<b>SMILES</b>	<chem>CC1=CC(=CC(=C1C(=O)O)O)OC(=O)C2=C(C=C(C=C2C)OC(=O)C3=C(C=C(C=C3C)OC)OC)O</chem>

**Source***Humcola sp.*

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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