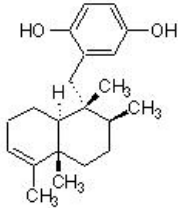


Product datasheet

Avarol, leukotriene B4 inhibitor ab144200

1 Image

Overview

<b>Product name</b>	Avarol, leukotriene B4 inhibitor
<b>Description</b>	Potent leukotriene B4 inhibitor. Anti-inflammatory agent.
<b>Biological description</b>	Potent leukotriene B4 inhibitor (IC <sub>50</sub> = 0.6 μM). Anti-inflammatory agent. Inhibits TNF-α (IC <sub>50</sub> = 1 μM) and NFκB. Inhibits thromboxane B2 release and phospholipase A2 activity (IC <sub>50</sub> values are 1.4 and 158 μM respectively). Shows antibacterial, antifungal and anti-inflammatory effects <i>in vivo</i> .
<b>Purity</b>	> 97%
<b>CAS Number</b>	55303-98-5
<b>Chemical structure</b>	

Properties

<b>Chemical name</b>	2-[[[(1R,2S,4aS,8aS)-1,2,4a,5-Tetramethyl-2,3,4,7,8,8a-hexahydronaphthalen-1-yl]methyl]benzene-1,4-diol
<b>Molecular weight</b>	314.46
<b>Molecular formula</b>	C <sub>21</sub> H <sub>30</sub> O <sub>2</sub>
<b>PubChem identifier</b>	72185
<b>Storage instructions</b>	Store at -20°C. It is important to note that this product is reported to be light sensitive. Store In the Dark. Store under desiccating conditions.
<b>Solubility overview</b>	Soluble in ethanol and 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</a>

(FAQ) page for more details.

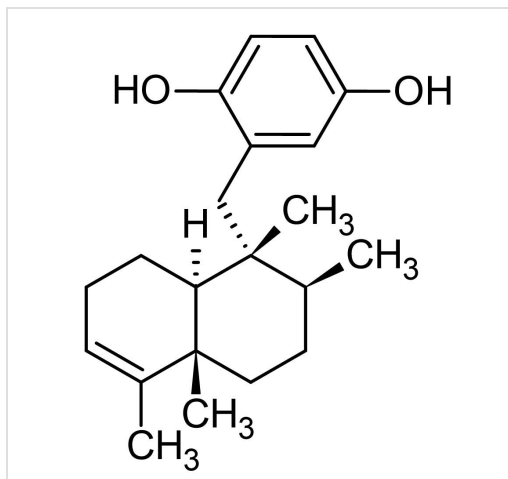
**SMILES**

C[C@H]1CC[C@]2([C@H]([C@]1(C)CC3=C(C=CC(=C3)O)O)CCC=C2C)C

**Source**

*Dysidea avara*

**Images**



2D chemical structure image of ab144200, Avarol, leukotriene B4 inhibitor

Chemical Structure - Avarol, leukotriene B4 inhibitor  
(ab144200)

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

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