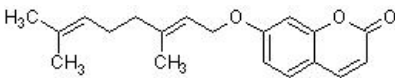


Product datasheet

Auraptene, Activates PPARalpha and PPARGamma ab141907

[1 Image](#)

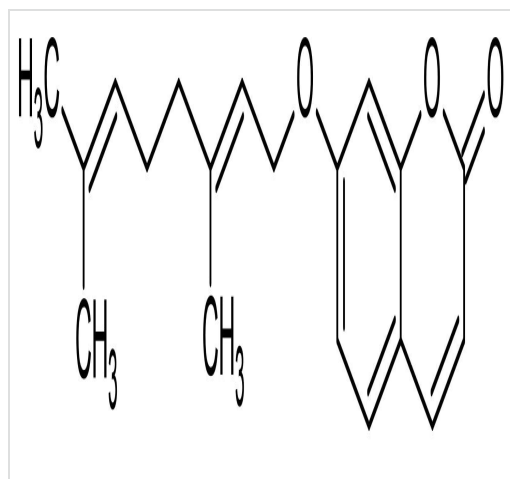
Overview

Product name	Auraptene, Activates PPARalpha and PPARGamma
Description	Activates PPARα and PPARγ. Modulates estrogen receptors
Biological description	Activates PPARα and PPARγ. Inhibits acyl-CoA:cholesterol acyl transferase (ACAT). Modulates estrogen receptors and disrupts ERK1/2-mediated phosphorylation of 4EBP1 and eIF4B. Chemopreventive properties. Active <i>in vivo</i> and <i>in vitro</i> .
Purity	> 98%
CAS Number	495-02-3
Chemical structure	

Properties

Chemical name	7-[(2E)-3,7-Dimethylocta-2,6-dienoxy]chromen-2-one
Molecular weight	298.38
Molecular formula	C ₁₉ H ₂₂ O ₃
PubChem identifier	1550607
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 50 mM
Handling	<p>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.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>CC(=CCCC(=CCOC1=CC2=C(C=C1)C=CC(=O)O2)C)C</chem>
Source	<i>Citrus sp.</i>

Images



2D chemical structure image of ab141907, Auraptene, Activates PPARalpha and PPARGgamma

Chemical Structure - Auraptene, Activates
PPARalpha and PPARGgamma (ab141907)

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

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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