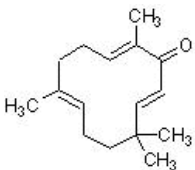


Product datasheet

Zerumbone, NF-kappaB inhibitor ab142474

1 Image

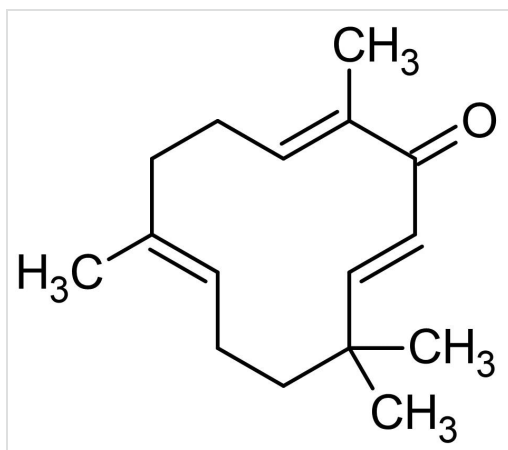
Overview

Product name	Zerumbone, NF-kappaB inhibitor
Description	Potent NF-κB inhibitor. Anticancer agent.
Biological description	Potent NF-κB inhibitor. Anticancer agent. Induces cytochrome c dependent caspase activation and mitochondrial permeabilisation in cancer cells. Induces apoptosis and shows anti-inflammatory and antitumor effects <i>in vivo</i> . Orally active.
Purity	> 96%
CAS Number	471-05-6
Chemical structure	

Properties

Chemical name	(2E,6E,10E)-2,6,9,9-Tetramethylcycloundeca-2,6,10-trien-1-one
Molecular weight	218.33
Molecular formula	C ₁₅ H ₂₂ O
PubChem identifier	5470187
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 25 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	CC1=C(C)C(=O)C(=C)C=C(C)C1
Source	<i>Zingiber officinale</i>

Images



Chemical Structure - Zerumbone, NF-kappaB inhibitor (ab142474)

2D chemical structure image of ab142474, Zerumbone, NF-kappaB inhibitor

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
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- 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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