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DATASHEET

Zerumbone

Product overview

Name	Zerumbone
Cat No	HB4130
Purity	>99%
Description	Apoptosis inducer. Modulates NF-κB activation.

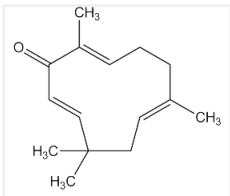
Biological Data

Biological description	Chemopreventive probe. Apoptosis inducer. Potent anti-tumor compound. Anti-inflammatory activity by downregulating COX-2 and iNOS expression via modulation of NF-κB activation. Antinociceptive. Probe to study chemokine receptors functioning. Potential therapeutic agent for osteoporosis and cancer-associated bone loss. Anti diabetic nephropathy.
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Solubility & Handling

Storage instructions	+4 °C
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	(2E,6E,10E)-2,6,9,9-Tetramethylcycloundeca-2,6,10-trien-1-one
Molecular Weight	218.3
Chemical structure	
Molecular Formula	C ₁₅ H ₂₂ O
CAS Number	471-05-6
PubChem identifier	0
SMILES	<chem>C\C1=C/CC(C)(C)\C=C\C(=O)C(=C/CC1)/C</chem>
InChiKey	GIHNTRQPEMKFKO-SKTNYSRSSA-N
Appearance	Solid white crystals or powder