

Hello Bio, Inc.  
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500  
F. 609-228-4994

customercare-usa@m2stage.hellobio.com



## DATASHEET

Zerumbone

### Product overview

<b>Name</b>	Zerumbone
<b>Cat No</b>	HB4130
<b>Biological action</b>	Inducer
<b>Purity</b>	>99%
<b>Description</b>	Apoptosis inducer. Modulates NF-κB activation.

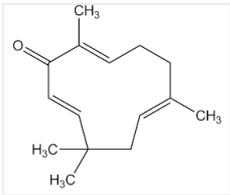
### Biological Data

<b>Biological description</b>	Chemopreventive probe. Apoptosis inducer. Potent anti-tumor compound. Anti-inflammatory activity by downregulating COX-2 and iNOS expression via modulation of NF-kappaB 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

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

### Chemical Data

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