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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-kappaB activation. Antinociceptive. Probe to study chemokine receptors functioning. Potential therapeutic agent for osteoporosis and

cancer-associated bone loss. Anti diabetic nephropathy.

Solubility & Handling

Storage instructions +4°C

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions Stable for ambient temperature shipping. Follow storage instructions on receipt.

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 Molecular Weight Chemical structure (2E,6E,10E)-2,6,9,9-Tetramethylcycloundeca-2,6,10-trien-1-one

CH₃
O
H₃C
CH₃

SMILES
C\C1=C/CC(C)(C)\C=C\C(=O)C(=C/CC1)/C
InChiKey
GIHNTRQPEMKFKO-SKTNYSRSSA-N
Appearance
Solid white crystals or powder

218.3