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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CAPE

NFkB Inhibitor
Catalog No. SIH-263



Discovery through partnership | Excellence through quality

Overview

Product Name

CAPE

Description

NFkB Inhibitor

Purity

>98%

CAS No.

104594-70-9

Molecular Formula

C₁₇H₁₆O₄

Molecular Weight

284.31

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble to 100 mM in DMSO, acetone, ethanol, methanol, acetonitrile

Source

Synthetic

Appearance

Off-White Solid

SMILES

C1=CC=C(C=C1)CCOC(=O)/C=C/C2=CC(=C(C=C2)O)O

InChI

InChI=1S/C17H16O4/c18-15-8-6-14(12-16(15)19)7-9-17(20)21-11-10-13-4-2-1-3-5-13/h1-9,12,18-19H,10-11H2/b9-7+

InChIKey

SWUARLUWKZWEBQ-VQHVLOKHSA-N

Safety Phrases

Classification: Caution: Substance not yet fully tested.

Safety Phrases:

S22 - Do not breathe dust

S24/25 - Avoid contact with skin and eyes

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

Hazard Phrases:

H315-H319-H335

Precautionary Phrases:

P261-P305 + P351 + P338

Cite This Product

CAPE (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-263)

Biological Description

Alternative Names

2-Phenylethyl (2E)-3-(3,4-dihydroxyphenyl)acrylate, Caffeic acid phenethyl ester

Research Areas

Cancer, Apoptosis

PubChem ID

5281787

Scientific Background

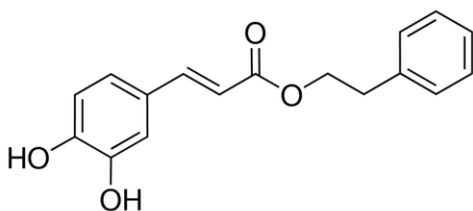
CAPE , an active component of propolis from honeybee hives is known to have antioxidant, antimitogenic, anticarcinogenic, anti-inflammatory and antiviral properties (1). It specifically inhibits NF- κ B activation and inhibits the growth of transformed cells (1). Also suppresses lipid peroxidation and inhibits ornithine decarboxylase, protein tyrosine kinase and lipoxygenase activities.

References

1. Natarajan K., Singh S., Burke T.R., Grunberger D., Aggarwal B.B. (1996) Proc Natl Acad Sci USA. 93(17): 9090-9095.

Product Images

Chemical structure of CAPE (SIH-263), a Inhibits NF κ B activation. CAS #: 104594-70-9.
Molecular Formula: C₁₇H₁₆O₄. Molecular Weight: 284.31 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.