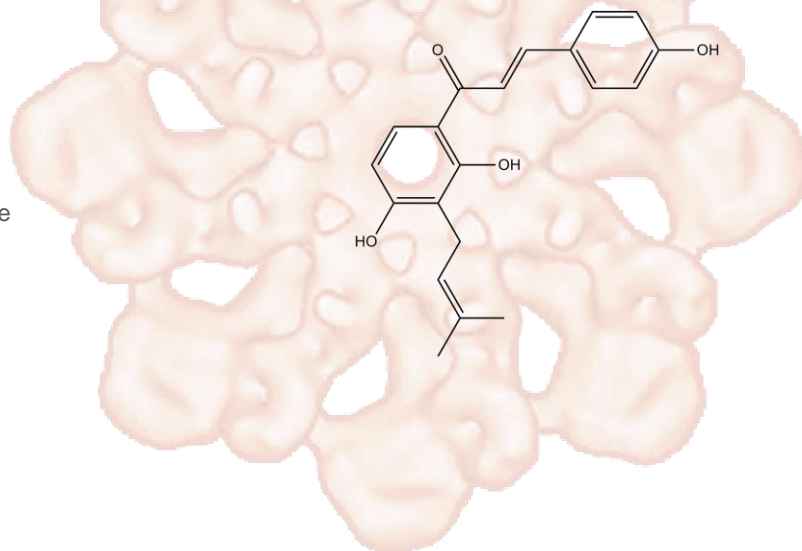


Product Data Sheet

Isobavachalcone

Cat. No.:	A3506
CAS No.:	20784-50-3
Formula:	C ₂₀ H ₂₀ O ₄
M.Wt:	324.38
Synonyms:	Corylifolinin; Isobacachalcone
Target:	PI3K/Akt/mTOR Signaling
Pathway:	Akt
Storage:	Store at -20°C



Solvent & Solubility

Soluble in DMSO

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass	1mg	5mg	10mg
	1 mM		3.0828 mL	15.4140 mL	30.8280 mL
	5 mM		0.6166 mL	3.0828 mL	6.1656 mL
	10 mM		0.3083 mL	1.5414 mL	3.0828 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary

Diverse biological activity compound

 IC₅₀ & Target

3 µg/mL (Candidaalbicans (fungal pathogen)), 7 µg/mL (Cryptococcus neoformans (fungal pathogen))

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

APEX BIO Technology

www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com

