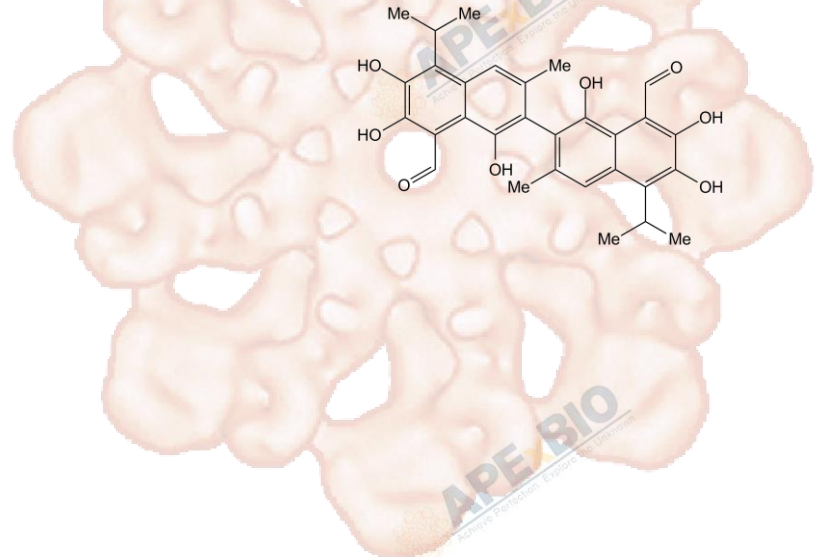


Product Data Sheet

Gossypol

Cat. No.:	N2135
CAS No.:	303-45-7
Formula:	C30H30O8
M.Wt:	518.55
Synonyms:	
Target:	Apoptosis
Pathway:	Bcl-2 Family
Storage:	Store at -20°C



Solvent & Solubility

≥25.95 mg/mL in DMSO; insoluble in H₂O; ≥2.1 mg/mL in EtOH

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	1.9285 mL	9.6423 mL	19.2845 mL
	5 mM	0.3857 mL	1.9285 mL	3.8569 mL
	10 mM	0.1928 mL	0.9642 mL	1.9285 mL

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

Biological Activity

Shortsummary PAF inhibitor; anti-fertility and anti-cancer

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Liang J, Chen C, et al. "Gossypol Promotes Wnt/ β -Catenin Signaling through WIF1 in Ovariectomy-Induced Osteoporosis." Biomed Res Int. 2019 Apr 21;2019:8745487.PMID:31139657

2. Liang J, Chen C, et al. "Gossypol Promotes Bone Formation in Ovariectomy-Induced Osteoporosis through Regulating Cell Apoptosis." Biomed Res Int. 2018 Dec 13;2018:3635485.PMID:30643801

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 APExBIO 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.

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