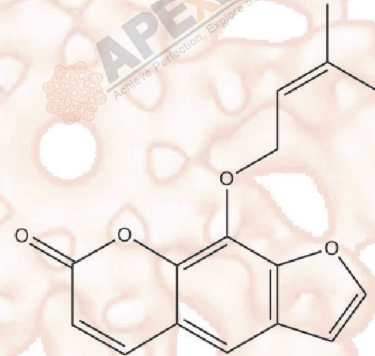


Product Data Sheet

Imperatorin

Cat. No.: N1859
CAS No.: 482-44-0
Formula: C₁₆H₁₄O₄
M.Wt: 270.28
Synonyms: Ammidin, 8-Isopentenylloxypsoralen;
 9-(3-Methylbut-2-enyloxy)-7H-furo[3,2-g]chromen-7-one
Target: Natural Products
Pathway:
Storage: Store at -20°C



Solvent & Solubility

≥26.8 mg/mL in DMSO; insoluble in EtOH; insoluble in H₂O

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		3.6999 mL	18.4993 mL	36.9987 mL
	5 mM		0.7400 mL	3.6999 mL	7.3997 mL
	10 mM		0.3700 mL	1.8499 mL	3.6999 mL

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

Biological Activity

Shortsummary anti-cancer medicine, induces cell apoptosis

IC₅₀ & Target

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 APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term 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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