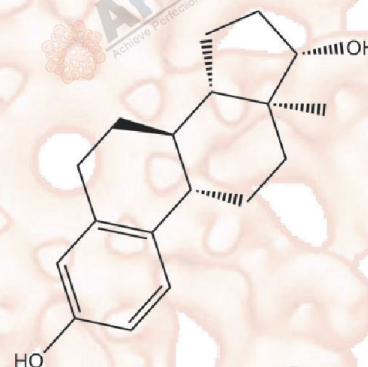


Product Data Sheet

Estradiol

Cat. No.:	A8425
CAS No.:	50-28-2
Formula:	C ₁₈ H ₂₄ O ₂
M.Wt:	272.38
Synonyms:	
Target:	Endocrinology and Hormones
Pathway:	Estrogen/progestogen Receptor
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥11.25 mg/mL in EtOH; ≥13.5 mg/mL in DMSO

In Vitro

	Solvent	Mass Concentration	1mg	5mg	10mg
Preparing Stock Solutions		1 mM	3.6713 mL	18.3567 mL	36.7134 mL
		5 mM	0.7343 mL	3.6713 mL	7.3427 mL
		10 mM	0.3671 mL	1.8357 mL	3.6713 mL

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

Biological Activity

Shortsummary

Sex hormone

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. 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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