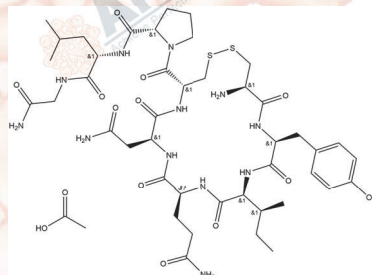


Product Data Sheet

Oxytocin acetate

Cat. No.:	B4723
CAS No.:	6233-83-6
Formula:	C45H70N12O14S2
M.Wt:	1067.25
Synonyms:	
Target:	Others
Pathway:	Others
Storage:	Store at -20° C



Solvent & Solubility

≥ 182.8 mg/mL in DMSO; ≥ 14.93 mg/mL in EtOH; ≥ 44.1 mg/mL in H₂O

In Vitro	Preparing Stock Solutions	Mass			
		Solvent	1mg	5mg	10mg
		Concentration			
		1 mM	0.9929 mL	4.9643 mL	9.9286 mL
		5 mM	0.1986 mL	0.9929 mL	1.9857 mL
		10 mM	0.0993 mL	0.4964 mL	0.9929 mL

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

Biological Activity

Shortsummary	mammalian neurohypophysial hormone	
IC ₅₀ & Target		
In Vitro	Cell Viability Assay	
	Preparation method:	
In Vivo	Animal experiment	
	Applications:	

Product Citations

1. Lin CH, Tsai CC, et al. "Oxytocin maintains lung histological and functional integrity to confer protection in heat stroke." Sci Rep. 2019 Dec 5;9(1):18390. PMID:31804535
2. An X, Sun X, et al. "Protective effect of oxytocin on LPS-induced acute lung injury in mice." Sci Rep. 2019 Feb 26;9(1):2836. PMID:30808956

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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