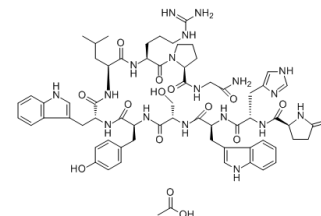


Triptorelin acetate

Cat. No.:	HY-12551A		
CAS No.:	140194-24-7		
Molecular Formula:	C ₆₆ H ₈₆ N ₁₈ O ₁₅		
Molecular Weight:	1371.5		
Target:	GNRH Receptor		
Pathway:	GPCR/G Protein		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



Solvent & Solubility

In Vitro

DMSO : 55 mg/mL (40.10 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.7291 mL	3.6456 mL	7.2913 mL
	5 mM	0.1458 mL	0.7291 mL	1.4583 mL
	10 mM	0.0729 mL	0.3646 mL	0.7291 mL

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

BIOLOGICAL ACTIVITY

Description	Triptorelin acetate is a Gonadotropin-releasing hormone (GnRH) receptor agonist ^[1] .
IC ₅₀ & Target	GnRH receptor ^[1]

REFERENCES

[1]. Jiang J, et al. Efficacy and Safety of gonadotropin-releasing hormone (GnRH) Agonists Triptorelin Acetate and Cetrorelix Acetate in Assisted Reproduction. Med Sci Monit. 2018 Nov 8;24:7996-8000.

Caution: Product has not been fully validated for medical applications. For research use only.

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