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产品名称: **CETRORELIX ACETATE**

产品别名: 醋酸西曲瑞克; **SB-075 acetate; NS-75A**

生物活性:				
Description	Cetrorelix Acetate is a potent gonadotropin-releasing hormone (GnRH) receptor antagonist with an IC ₅₀ of 1.21 nM.			
IC ₅₀ & Target	IC ₅₀ : 1.21 nM GnRH ^[1] .			
In Vitro	Cetrorelix Acetate inhibits growth of ES-2 cell line at 1000 ng/ml. Cetrorelix Acetate has comparable antiproliferative effects as GnRH-I agonists indicating that the dichotomy of GnRH-I agonists and antagonists might not apply to the GnRH-I system in cancer cells ^[2] .			
Solvent&Solubility	In Vitro: DMSO : 50 mg/mL (33.53 mM; Need ultrasonic)			
	Preparing Stock Solutions	Solvent	Mass	
		Concentration		
			1 mg	5 mg
			10 mg	
		1 mM	0.6707 mL	3.3533 mL
		5 mM	0.1341 mL	0.6707 mL
		10 mM	0.0671 mL	0.3353 mL
	*请根据产品在不同溶剂中的溶解度选择合适的溶剂配制储备液。一旦配成溶液, 请分装保存, 避免反复冻融造成的产品失效。 储备液的保存方式和期限: -80°C, 6 months; -20°C, 1 month。-80°C 储存时, 请在 6 个月内使用, -20°C 储存时, 请在 1 个月内使用。			
References	[1]. Beckers T et al. Characterization of gonadotropin-releasing hormone analogs based on a sensitive cellular luciferase reporter gene assay. Anal Biochem. 1997 Aug 15;251(1):17-23. [2]. Gründker C et al. Role of gonadotropin-releasing hormone (GnRH) in ovarian cancer. Reprod Biol Endocrinol. 2003 Oct 7;1:65.			