

产品说明书

26 版

基本信息

产品编号:	F11704
产品名称:	FLTX1

产品简介:

一种荧光他莫昔芬 (Tamoxifen) 衍生物, 可以在透化和非透化条件下特异性标记细胞内 Tamoxifen 结合位点 (雌激素受体)。FLTX1 在乳腺癌细胞中表现出 Tamoxifen 有效的抗雌激素特性。FLTX1 缺乏对子宫的雌激素激动作用。

靶点:	ER α
	87.5 nM (IC ₅₀)

体外研究:

FLTX1 (0.01-10 μ M; 6 d) reduces MCF7 cell proliferation in a dose-dependent manner. FLTX1 (pretreated 24 h) counteracts the increase in cell growth induced by E2 down to the vehicle level.

FLTX1 (50 μ M; 2 h) exhibits a dose-dependent competition with Tamoxifen (Tx) in MCF7 cells.

FLTX1 (0.1 nM-100 μ M; 18 h) competitively displaces the [³H] E2 binding to rat uterine estrogen receptors (ER) rat uterus cytosol, with an IC₅₀ of 87.5 nM.

FLTX1 (0.1 nM-10 μ M; pretreated 8 h) reduces the estradiol-induced luciferase expression activity in a dose-dependent manner. FLTX1 (15-16 h) is devoid of the potent estrogenic agonist activity in both transiently transfected MCF7 cells and stably transfected T47D-KBluc cells.

体内研究:

FLTX1 (0.01-1 mg/kg/d; s.c. for 3 d) is lacked of the estrogenic uterotrophic (and also cervical and vaginal), hyperplastic and hypertrophic effects, and failed to alter basal proliferating cell nuclear antigen immunoreactivity in mice and rats.

使用方法 (供参考):

一: 体外实验				
DMSO: 25 mg/mL (48.02 mM; Need ultrasonic)				
浓度	质量	1mg	5mg	10mg
	溶液体积			
1 mM		1.9209 mL	9.6045 mL	19.2090 mL
5 mM		0.3842 mL	1.9209 mL	3.8418 mL
10 mM		0.1921 mL	0.9604 mL	1.9209 mL
储备液的保存方式: -80° C, 6 months; -20° C, 1 month.				

注意事项:

- 1、为了您的安全和健康, 请穿实验服并戴一次性手套操作。
- 2、以上信息仅做参考交流之用。

储存: -20° C 密封干燥

