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产品名称: **ORM-15341**
产品别名: **ORM-15341**

生物活性:				
Description	ORM-15341 is a potent and full antagonist for human AR (hAR) with IC50 values of 38 nM as shown by transactivation assays in AR-HEK293 cells stably expressing full-length hAR and an androgen-responsive luciferase reporter gene construct. IC50 value: 38 nM Target: androgen receptor in vitro: In competitive AR binding assays, the inhibition constant (Ki) values of ORM-15341 was 8 nM. ORM-15341 functions as a full antagonist for all tested mutant ARs , with IC50 of 25, 51, 700, and 1160 nM for wtAR, AR(F876L), AR(T877A), and AR(W741L).			
Solvent&Solubility	In Vitro: DMSO : ≥ 37 mg/mL (93.24 mM) * "≥" means soluble, but saturation unknown.			
	Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg
		1 mM	2.5200 mL	12.5999 mL
		5 mM	0.5040 mL	2.5200 mL
		10 mM	0.2520 mL	1.2600 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℃, 6 months; -20℃, 1 month。 -80℃ 储存时, 请在 6 个月内使用, -20℃ 储存时, 请在 1 个月内使用。			
References	[1]. Moilanen AM, et al. Discovery of ODM-201, a new-generation androgen receptor inhibitor targeting resistance mechanisms to androgen signaling-directed prostate cancer therapies. Sci Rep. 2015 Jul 3;5:12007. doi: 10.1038/srep12007. [2]. Toermaekangas Olli, et al. Preparation of heteroaryl carboxamides as androgen receptor modulators. From PCT Int. Appl. (2012), WO 2012143599 A1 20121026.			