



上海源叶生物科技有限公司
Shanghai yuanye Bio-Technology Co., Ltd
电话: 021-61312973 传真: 021-55068248
网址: www.shyuanye.com
邮箱: shyysw@sina.com

产品名称: **AGN 195183**
产品别名: **AGN 195183**

生物活性:					
Description	AGN 195183 is a potent and selective agonist of RARα(Kd=3 nM) with improved binding selectivity relative to AGN 193836; no activity on RARβ/γ. IC50 value: 3 nM (Kd); 200 nM (EC80, RAR Trans.) Target: RARα agonist Compound 4(AGN-195183) inhibited the growth of breast cancer cell lines, and was inactive in an in vivo model of topical irritation. Compound 4 and ATRA inhibit growth of the human breast cancer cell lines, T-47D and SK-BR-3, compound 4 does not cause the topical irritation induced by the RARα-selective retinoid, Am-580. Compound 4 (AGN 195183) is currently in Phase I/IIA clinical trials in cancer patients.				
Solvent&Solubility	<i>In Vitro:</i> DMSO : ≥ 62 mg/mL (141.60 mM) * "≥" means soluble, but saturation unknown.				
	Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
		1 mM	2.2838 mL	11.4192 mL	22.8384 mL
		5 mM	0.4568 mL	2.2838 mL	4.5677 mL
		10 mM	0.2284 mL	1.1419 mL	2.2838 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]. Beard RL, et al. Synthesis and biological activity of retinoic acid receptor-alpha specific amides. Bioorg Med Chem Lett. 2002 Nov 4;12(21):3145-8.				

源叶生物