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产品名称: 4-[3-[4-氟基-3-(三氟甲基)苯基]-5,5-二甲基-4-氧代-2-硫代-1-咪唑烷基]-2-氟苯甲酰

产品别名: N-desmethyl Enzalutamide; N-desmethyl MDV 3100

生物活性:						
Description		N-desmethyl Enzalutamide is the active metabolite of Enzalutamide.N-desmethyl Enzalutamide is the active metabolite of Enzalutamide. N-desmethyl Enzalutamide demonstrates primary and secondary pharmacodynamics of similar potency to Enzalutamide and circulates at approximately the same plasma concentrations as enzalutamide[1].				
IC ₅₀ & Target		Androgen-receptor[1]				
In Vivo		N-desmethyl Enzalutamide is an active metabolite that is thought to contribute to the clinical effects of Enzalutamide because it demonstrates primary and secondary pharmacodynamics of similar potency to Enzalutamide and circulates at approximately the same plasma concentrations as Enzalutamide. The carboxylic acid metabolite is pharmacologically inactive and circulates at approximately 25 % lower plasma concentrations than Enzalutamide[1].				
Solvent&Solubility		In Vitro: DMSO : ≥ 48 mg/mL (106.57 mM) * "≥" means soluble, but saturation unknown.				
		<div>Preparing Stock Solutions</div>	<div><div><div>Solvent</div><div>Mass</div><div>Concentration</div></div></div>	1 mg	5 mg	10 mg
			1 mM	2.2202 mL	11.1010 mL	22.2020 mL
			5 mM	0.4440 mL	2.2202 mL	4.4404 mL
			10 mM	0.2220 mL	1.1101 mL	2.2202 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]. Gibbons JA, et al. Pharmacokinetic Drug Interaction Studies with Enzalutamide. Clin Pharmacokinet. 2015 Oct;54(10):1057-69.				