



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: **LYC-55716**
产品别名: **Cintirorgon**

生物活性:						
Description		Cintirorgon (LYC-55716) is a first-in-class, selective and orally bioavailable ROR γ agonist. Cintirorgon (LYC-55716) modulates gene expression of ROR γ expressing T lymphocyte immune cells, resulting in enhanced effector function, as well as decreased immunosuppression, resulting in decreased tumor growth, and improved survival[1][2].				
IC ₅₀ & Target		ROR γ [1]				
In Vivo		Upon oral administration of ROR γ agonist Cintirorgon (LYC-55716), this agent selectively binds to the nuclear receptor transcription factor ROR γ , forming a receptor complex that translocates to the nucleus, and binds to ROR response elements (ROREs), enhancing the function, proliferation and survival of type 17 T cells, including Th17 (helper T cells) and Tc17 (cytotoxic T cells). ROR γ , the nuclear receptor transcription factor that is involved in Th17/Tc17 differentiation, plays a key role in immune activation. Cintirorgon (LYC-55716) is also orally bioavailable, while the new generation of immuno-oncology drugs-including PD-1/PD-L1 inhibitors are delivered by injection[1].				
Solvent&Solubility		In Vitro: DMSO : ≥ 113.3 mg/mL (187.73 mM) * "≥" means soluble, but saturation unknown.				
		Preparing Stock Solutions	<div>Solvent / Mass / Concentration</div>	1 mg	5 mg	10 mg
			1 mM	1.6569 mL	8.2846 mL	16.5692 mL
			5 mM	0.3314 mL	1.6569 mL	3.3138 mL
			10 mM	0.1657 mL	0.8285 mL	1.6569 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]. Lycera Announces Initiation of Phase 1/2a Study ARGON of Immuno-Oncology Candidate LYC-55716 in Patients with Advanced Solid Tumors. Jan 04, 2017.				