

产品名称：咪喹莫特
产品别名：Imiquimod; R 837

生物活性:				
Description	Imiquimod (R 837) is an immune response modifier that acts as a toll-like receptor 7 agonist.			
IC ₅₀ & Target	toll-like receptor 7[1]			
In Vitro	In animal models, imiquimod stimulates the innate immune response by increasing NK cell activity, activating macrophages to secrete cytokines and nitric oxide, and inducing proliferation and differentiation of B lymphocytes. Imiquimod stimulates the innate immune response through induction, synthesis, and release of cytokines, including interferon-α (IFN-α), interleukin (IL)-6, and tumour necrosis factor (TNF)-α[1].			
Solvent&Solubility	In Vitro: DMSO : 2.5 mg/mL (10.40 mM; Need ultrasonic and warming)			
	Preparing Stock Solutions	<div>Solvent / Mass / Concentration</div>	1 mg	5 mg
		1 mM	4.1615 mL	20.8073 mL
		5 mM	0.8323 mL	4.1615 mL
		10 mM	0.4161 mL	2.0807 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]. Bilu D, et al. Imiquimod: modes of action. Br J Dermatol. 2003 Nov;149 Suppl 66:5-8.			

源叶生物