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产品名称: **Tavilermide**
产品别名: **MIM-D3**

生物活性:					
Description	Tavilermide is a selective, partial agonist of TrkA, or a nerve growth factor (NGF) mimetic.				
IC₅₀ & Target	TrkA[1]				
In Vitro	Tavilermide (MIM-D3) is a tyrosine kinase TrkA receptor agonist, which can be used to treat dry eye. Tavilermide is a proteolytically stable, cyclic peptidomimetic that has been shown to be a partial TrkA receptor agonist. Tavilermide demonstrates activities similar to NGF (but does not bind to the p75NTR receptor) and can potentiate the effects of suboptimal concentrations of NGF[1].				
Solvent&Solubility	In Vitro: H ₂ O : 5 mg/mL (8.61 mM; adjust pH to 3-4 with HCl)				
		Solvent	Mass		
		Concentration	1 mg	5 mg	10 mg
	Preparing	1 mM	1.7225 mL	8.6127 mL	17.2253 mL
	Stock Solutions	5 mM	0.3445 mL	1.7225 mL	3.4451 mL
	10 mM	---	---	---	
	*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]. Meerovitch K, et al. Safety and efficacy of MIM-D3 ophthalmic solutions in a randomized, placebo-controlled Phase 2 clinical trial in patients with dry eye. Clin Ophthalmol. 2013;7:1275-85.				

源叶生物