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

<b>生物活性:</b>				
<b>Description</b>	Tavilermide is a selective, partial agonist of TrkA, or a nerve growth factor (NGF) mimetic.			
<b>IC<sub>50</sub> &amp; Target</b>	TrkA[1]			
<b>In Vitro</b>	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].			
<b>Solvent&amp;Solubility</b>	<b>In Vitro:</b> H <sub>2</sub> O : 5 mg/mL (8.61 mM; adjust pH to 3-4 with HCl)			
	<b>Preparing Stock Solutions</b>	<div>Solvent / Mass / Concentration</div>	<b>1 mg</b>	<b>5 mg</b>
		1 mM	1.7225 mL	8.6127 mL
		5 mM	0.3445 mL	1.7225 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。			
<b>References</b>	[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