



上海源叶生物科技有限公司
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产品名称: 去羟米松
产品别名: **Desoximetasone**

生物活性:																					
Description	Desoximetasone(Topicort) is a medication belonging to the family of medications known as topical corticosteroids; is used for the relief of various skin conditions, including rashes. IC50 value: Target: When using desoximetasone, some of the medication may be absorbed through the skin and into the bloodstream. Too much absorption can lead to unwanted side effects elsewhere in the body. To keep this problem to a minimum, avoid using large amounts of desoximetasone over large areas, do not use it for extended periods of time, and do not cover it with airtight dressings such as plastic wrap or adhesive bandages unless specifically told to by your doctor.[1] Children may absorb more medication than adults do. Desoximetasone is for use only on the skin and should be kept out of the eyes.																				
	<p>In Vitro:</p> <p>DMSO : ≥ 100 mg/mL (265.63 mM)</p> <p>H₂O : 0.14 mg/mL (0.37 mM; Need ultrasonic)</p> <p>* "≥" means soluble, but saturation unknown.</p> <table><tr><td rowspan="4">Preparing Stock Solutions</td><td><div>Solvent / Mass / Concentration</div></td><td>1 mg</td><td>5 mg</td><td>10 mg</td></tr><tr><td>1 mM</td><td>2.6563 mL</td><td>13.2816 mL</td><td>26.5632 mL</td></tr><tr><td>5 mM</td><td>0.5313 mL</td><td>2.6563 mL</td><td>5.3126 mL</td></tr><tr><td>10 mM</td><td>0.2656 mL</td><td>1.3282 mL</td><td>2.6563 mL</td></tr></table> <p>*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。</p> <p>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。</p> <p>In Vivo:</p> <p>请根据您的实验动物和给药方式选择适当的溶解方案。以下溶解方案都请先按照 In Vitro 方式配制澄清的储备液，再依次添加助溶剂：</p> <p>——为保证实验结果的可靠性，澄清的储备液可以根据储存条件，适当保存；体内实验的工作液，建议您现用现配，当天使用； 以下溶剂前显示的百分比是指该溶剂在您配制终溶液中的体积占比；如在配制过程中出现沉淀、析出现象，可以通过加热和/或超声的方式助溶</p> <p>1.请依序添加每种溶剂： 10% DMSO→40% PEG300 →5% Tween-80 → 45% saline</p> <p>Solubility: ≥ 2.5 mg/mL (6.64 mM); Clear solution</p> <p>此方案可获得 ≥ 2.5 mg/mL (6.64 mM, 饱和度未知) 的澄清溶液。</p> <p>以 1 mL 工作液为例，取 100 μL 25.0 mg/mL 的澄清 DMSO 储备液加到 400 μL PEG300 中，混合均匀；向上述体系中加入 50 μL Tween-80，混合均匀；然后继续加入 450 μL 生理盐水定容至 1 mL。</p> <p>2.请依序添加每种溶剂： 10% DMSO→ 90% (20% SBE-β-CD in saline)</p> <p>Solubility: ≥ 2.5 mg/mL (6.64 mM); Clear solution</p> <p>此方案可获得 ≥ 2.5 mg/mL (6.64 mM, 饱和度未知) 的澄清溶液。</p> <p>以 1 mL 工作液为例，取 100 μL 25.0 mg/mL 的澄清 DMSO 储备液加到 900 μL 20% 的 SBE-β-CD 生理</p>					Preparing Stock Solutions	<div>Solvent / Mass / Concentration</div>	1 mg	5 mg	10 mg	1 mM	2.6563 mL	13.2816 mL	26.5632 mL	5 mM	0.5313 mL	2.6563 mL	5.3126 mL	10 mM	0.2656 mL	1.3282 mL
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	<p>盐水水溶液中，混合均匀。</p> <p>3.请依序添加每种溶剂： 10% DMSO →90% corn oil</p> <p>Solubility: ≥ 2.5 mg/mL (6.64 mM); Clear solution</p> <p>此方案可获得 ≥ 2.5 mg/mL (6.64 mM, 饱和度未知) 的澄清溶液，此方案不适用于实验周期在半个月以上的实验。</p> <p>以 1 mL 工作液为例，取 100 μL 25.0 mg/mL 的澄清 DMSO 储备液加到 900 μL 玉米油中，混合均匀。</p>
References	[1]. Desoximetasone, From Wikipedia



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