

产品名称：乙丙昔罗钠
产品别名：Efaproxiral sodium

生物活性:

Description	Efaproxiral sodium is a synthetic allosteric modifier of haemoglobin (Hb), decreases Hb-oxygen (O2) binding affinity and enhances oxygenation of hypoxic tumours during radiation therapy. in vitro: Efaproxiral increases oxygen levels in hypoxic tumor tissues by binding non-covalently to the hemoglobin tetramer and decreasing hemoglobin-oxygen binding affinity. Increasing tumor oxygenation reduces tumor radioresistance. Efaproxiral can enhance the oxygenation of hypoxic tumours and function as a radiation sensitiser, increasing the effectiveness of RT.				
Solvent&Solubility	<i>In Vitro:</i>				
	DMSO : ≥ 39 mg/mL (107.33 mM)				
	* "≥" means soluble, but saturation unknown.				
	Preparing Stock Solutions	<div>Solvent / Mass / Concentration</div>	1 mg	5 mg	10 mg
		1 mM	2.7519 mL	13.7597 mL	27.5194 mL
		5 mM	0.5504 mL	2.7519 mL	5.5039 mL
10 mM		0.2752 mL	1.3760 mL	2.7519 mL	
<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>					
References	[1]. Stea B, et al. Efaproxiral red blood cell concentration predicts efficacy in patients with brain metastases. Br J Cancer. 2006 Jun 19;94(12):1777-1784.				

源叶生物