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产品名称: **Allyl Isopropyl Acetylurea**

产品别名: **Apronal; 丙戊酰脲; Allylisopropylacetylurea; Apronalide**

生物活性:					
Description	Apronal (Allylisopropylacetylurea, Apronalide) is a hypnotic and sedative drug that has been withdrawn in several countries due to side effects.				
In Vivo	Research shows that allylisopropylacetylurea not only increases the amount of porphyrins in the liver and urine of animals but also brings about a marked green pigmentation of the liver. Rats recover well from long-term treatment with high doses of allylisopropylacetylurea and revert to normal values for parameters measured. Lesions originated by long-term administration with allylisopropylacetylurea can be tolerated by rats and are reversible[1]. Fixed drug eruption and mucocutaneous ocular syndrome are reported due to apronal[2].				
Solvent&Solubility	In Vitro: DMSO : ≥ 165 mg/mL (895.57 mM) * "≥" means soluble, but saturation unknown.				
		Solvent Mass Concentration	1 mg	5 mg	10 mg
	Preparing	1 mM	5.4277 mL	27.1385 mL	54.2770 mL
	Stock Solutions	5 mM	1.0855 mL	5.4277 mL	10.8554 mL
		10 mM	0.5428 mL	2.7139 mL	5.4277 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]. Rentsch G, et al. The effect of prolonged administration of allylisopropylacetylurea to rats on cytochrome P-450 and other liver haemoproteins. Xenobiotica. 1976 Mar;6(3):151-7. [2]. Fujimoto Y, et al. Fixed drug eruption due to allylisopropylacetylurea. Contact Dermatitis. 1993 May;28(5):282-4.				
实验参考:					
Animal Administration	Rats: Apronal is administered to male Sandoz OFA-SPF rats, weighing 140-150 g in two equal daily subcutaneous injections 8 h apart. The overall daily dose is 400 mg/kg and dosing is continued for 21 days. Control rats are similarly treated with propandiol only. Urine samples are collected in glass tubes at solid CO ₂ , temperatures and stored frozen until analysis[1].				
References	[1]. Rentsch G, et al. The effect of prolonged administration of allylisopropylacetylurea to rats on cytochrome P-450 and other liver haemoproteins. Xenobiotica. 1976 Mar;6(3):151-7. [2]. Fujimoto Y, et al. Fixed drug eruption due to allylisopropylacetylurea. Contact Dermatitis. 1993 May;28(5):282-4.				