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产品名称: 7-氨基去乙酰氧基头孢烷酸
 产品别名: 6-Aminochrysene; 6-Chrysenamine

生物活性:				
Description	6-Aminochrysene (6-Aminochrysene) is an aromatic amine used as a chemotherapeutic agent in the treatment of splenomegaly, myeloid leukemia, and breast cancer.			
In Vitro	6-Aminochrysene inhibits the hydroxylation of aniline, O-demethylation of p-nitroanisole, and N-demethylation of aminopyrine by rat liver microsomes. Pre-treatment of rats with 6-aminochrysene markedly decreases the N-demethylation in vitro but significantly increases the hydroxylation and the O-demethylation[1].			
In Vivo	6-Aminochrysene is an inhibitor of the growth of several solid experimental tumours in vivo and has a cancerostatic effect on human breast cancer[1]. Long term topical skin application of 6-Aminochrysene to mice induces development of benign skin tumors after 3 months and of skin malignancies after 7 months. Female mice respond earlier than males. Induction of skin tumors is more rapid when 6-Aminochrysene is applied ventrally instead of dorsally. Urinary excretion is about twice as high after skin application than after oral administration[2].			
Solvent&Solubility	In Vitro: DMSO : ≥ 62.5 mg/mL (256.88 mM) * "≥" means soluble, but saturation unknown.			
		Solvent	Mass	Concentration
	Preparing		1 mg	5 mg
	Stock Solutions		10 mg	
		1 mM	4.1102 mL	20.5508 mL
		5 mM	0.8220 mL	4.1102 mL
		10 mM	0.4110 mL	2.0551 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°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]. Russo R, et al. Effects of 6-aminochrysene on liver microsomal enzyme activity. Xenobiotica. 1976 Apr;6(4):201-5. [2]. Lambelin G, et al. Carcinogenicity of 6-aminochrysene in mice. Eur J Cancer. 1975 May;11(5):327-34.			
实验参考:				
Animal Administration	Rats: Male CD rats are pre-treated with 25, 50 and 100 mg/kg of 6-Aminochrysene intraperitoneally once daily for 3 consecutive days before sacrifice, which is performed 24 h after the last administration. Controls receive only the solvent[1].			
References	[1]. Russo R, et al. Effects of 6-aminochrysene on liver microsomal enzyme activity. Xenobiotica. 1976 Apr;6(4):201-5. [2]. Lambelin G, et al. Carcinogenicity of 6-aminochrysene in mice. Eur J Cancer. 1975 May;11(5):327-34.			