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产品名称: 环唑醇
产品别名: **Cyproconazole**

生物活性:						
Description		Cyproconazole is a triazole fungicide that is used agriculturally for protection of crops against a wide variety of fungal pathogens. In vitro: Cyproconazole has been shown to cause a dose dependent inhibition of progesterone production in human placental cells in vitro. cyproconazole exhibited the lowest capacity to increase CYP1A1 and were not able to activate the AhR in the transactivation assay. [1] In vivo: Cyproconazole, a triazole fungicide, causes hepatocellular adenomas and carcinomas in CD-1 mice at dose levels of 100 and 200 ppm. In wild-type mice, 200 ppm cyproconazole caused liver hypertrophy, increased liver weight and cell proliferation, single-cell necrosis and fat vacuolation. [2]				
Solvent&Solubility		In Vitro: DMSO : ≥ 34 mg/mL (116.53 mM) * "≥" means soluble, but saturation unknown.				
		Preparing Stock Solutions	Solvent / Mass Concentration	1 mg	5 mg	10 mg
			1 mM	3.4272 mL	17.1362 mL	34.2724 mL
			5 mM	0.6854 mL	3.4272 mL	6.8545 mL
			10 mM	0.3427 mL	1.7136 mL	3.4272 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]. Rieke S et al. Combination effects of (tri)azole fungicides on hormone production and xenobiotic metabolism in a humanplacental cell line. Int J Environ Res Public Health. 2014 Sep 17;11(9):9660-79. [2]. Peffer RC et al. Mouse liver effects of cyproconazole, a triazole fungicide: role of the constitutive androstane receptor. Toxicol Sci. 2007 Sep;99(1):315-25.				