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产品名称: **S-(E-1,2-DICHLOROVINYL)-L-CYSTEINE**

产品别名: **DCVC; S-[(1E)-1,2-dichloroethenyl]-L-cysteine**

生物活性:				
Description	DCVC inhibits pathogen-stimulated TNF- α in human extra placental membranes in vitro. Target: TNF- α in vitro: DCVC inhibits pathogen stimulated cytokine release from tissue punch cultures. DCVC (5-50 μ M) significantly inhibits LTA-, LPS-, and GBS-stimulated cytokine release from tissue cultures as early as 4 h ($P \leq 0.05$). In contrast, TCA (up to 500 μ M) does not inhibit LTA-stimulated cytokine release from tissue punches. DCVC effects on LTA-stimulated and LPS-stimulated TNF- α release from tissue punch cultures of extraplacental membranes. DCVC effects on GBS-stimulated release of pro-inflammatory cytokines from extraplacental membranes in transwell cultures.			
	In Vitro: DMSO : 2.5 mg/mL (11.57 mM; Need ultrasonic) H₂O : 1.034 mg/mL (4.79 mM; Need ultrasonic and warming)			
Solvent&Solubility	Preparing Stock Solutions	Solvent Mass Concentration	1 mg	5 mg
		1 mM	4.6277 mL	23.1385 mL
		5 mM	0.9255 mL	4.6277 mL
		10 mM	0.4628 mL	2.3139 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]. Boldenow E, et al. The trichloroethylene metabolite S-(1,2-dichlorovinyl)-l-cysteine but not trichloroacetate inhibits pathogen-stimulated TNF-α in human extraplacental membranes in vitro. Reprod Toxicol. 2015 Apr;52:1-6. [2]. Lash LH, et al. Multigenerational study of chemically induced cytotoxicity and proliferation in cultures of human proximal tubular cells. Int J Mol Sci. 2014 Nov 18;15(11):21348-65. [3]. Yoo HS, et al. Comparative analysis of the relationship between trichloroethylene metabolism and tissue-specific toxicity among inbred mouse strains: kidney effects. J Toxicol Environ Health A. 2015;78(1):32-49.			