

产品名称: **Necrosulfonamide**  
 产品别名: **(E)-Necrosulfonamide**

**生物活性:**

<b>Description</b>	(E)-Necrosulfonamide is a necroptosis inhibitor acting by selectively targeting the mixed lineage kinase domain-like protein (MLKL) to block the necrosome formation.			
<b>In Vitro</b>	(E)-Necrosulfonamide (0.5-2.5 $\mu$ M; 20 hours) reduced TRAIL (50 ng/mL) and STS (1 $\mu$ M) -induced necroptosis in a concentration-dependent manner[3].			
<b>Solvent&amp;Solubility</b>	<b><i>In Vitro:</i></b> <b>DMSO : <math>\geq 28</math> mg/mL (60.68 mM)</b> <b>H<sub>2</sub>O : &lt; 0.1 mg/mL (insoluble)</b> * "≥" means soluble, but saturation unknown.			
	Preparing  Stock Solutions	Solvent Mass Concentration	1 mg	5 mg
		1 mM	2.1670 mL	10.8349 mL
		5 mM	0.4334 mL	2.1670 mL
		10 mM	0.2167 mL	1.0835 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。			
<b>References</b>	[1]. <a href="#">Steinhart L et al. Smac mimetic and demethylating agents synergistically trigger cell death in acute myeloid leukemia cells and overcome apoptosis resistance by inducing necroptosis. Cell Death Dis. 2013 Sep 12;</a> [2]. <a href="#">Sun L et al. Mixed lineage kinase domain-like protein mediates necrosis signaling downstream of RIP3 kinase. Cell. 2012 Jan 20;148(1-2):213-27.</a> [3]. <a href="#">Dunai ZA et al. Staurosporine induces necroptotic cell death under caspase-compromised conditions in U937 cells. PLoS One. 2012;7(7):</a> [4]. <a href="#">Bae JH et al. Chemical regulation of signaling pathways to programmed necrosis. Arch Pharm Res. 2014 Jun;37(6):689-97.</a>			