

产品名称: **Tipiracil (hydrochloride)**

产品别名: 盐酸替吡嘧啶

生物活性:					
Description	Tipiracil (hydrochloride) is a thymidine phosphorylase inhibitor (TPI), used for cancer research.				
In Vitro	Tipiracil has antiangiogenic effect, and inhibits proliferation of endothelial cells[1]. Tipiracil is a potent inhibitor of thymidine phosphorylase, which is the enzyme that degrades FTD[2].				
Solvent&Solubility	<i>In Vitro:</i> H ₂ O : 50 mg/mL (179.13 mM; Need ultrasonic) DMF : < 1 mg/mL (insoluble) DMSO : < 1 mg/mL (insoluble or slightly soluble)				
	Preparing Stock Solutions	Solvent Mass Concentration	1 mg	5 mg	10 mg
		1 mM	3.5827 mL	17.9134 mL	35.8269 mL
		5 mM	0.7165 mL	3.5827 mL	7.1654 mL
		10 mM	0.3583 mL	1.7913 mL	3.5827 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]. Peters GJ, et al. TAS-102: more than an antimetabolite. <u>Lancet Oncol.</u> 2012 Dec;13(12):e518-9. [2]. Yoshino T, et al. TAS-102 monotherapy for pretreated metastatic colorectal cancer: a double-blind, randomised, placebo-controlled phase 2 trial. <u>Lancet Oncol.</u> 2012 Oct;13(10):993-1001.				

源叶生物