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产品名称: **Nastorazepide**
产品别名: **Z-360**

生物活性:				
Description	Nastorazepide (Z-360) is a selective, orally available, 1,5-benzodiazepine-derivative gastrin/cholecystokinin 2 (CCK-2) receptor antagonist with potential antineoplastic activity. Target: CCK-2 in vitro: Z-360 binds to the gastrin/CCK-2 receptor, thereby preventing receptor activation by gastrin, a peptide hormone frequently associated with the proliferation of gastrointestinal and pancreatic tumor cells. Check for active clinical trials or closed clinical trials using this agent. in vivo: Z-360 is a novel orally active CCK-2/gastrin receptor antagonist, significantly inhibits the growth of subcutaneous xenografts of human pancreatic tumor cells in mice, and that Z-360 combined with gemcitabine prolonged survival in a pancreatic carcinoma orthotopic xenograft mice.			
Solvent&Solubility	In Vitro: DMSO : ≥ 32 mg/mL (61.47 mM) * "≥" means soluble, but saturation unknown.			
	Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg
		1 mM	1.9208 mL	9.6039 mL
		5 mM	0.3842 mL	1.9208 mL
		10 mM	0.1921 mL	0.9604 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]. Kato H, et al. CCK-2/gastrin receptor signaling pathway is significant for gemcitabine-induced gene expression of VEGF in pancreatic carcinoma cells. Life Sci. 2011 Oct 24;89(17-18):603-8.			