

产品名称: YH239-EE

产品别名: YH239-EE

生物活性:					
Description	YH239-EE, ethyl ester of the free carboxylic acid compound YH239, is a potent p53-MDM2 antagonizing and apoptosis-inducing agent. IC50 value: Target: MDM2/p53 YH239-EE inhibits the growth of OCI-AML-3 cells with wild type p53 by inhibiting the p53-MDM2 interaction. YH239-EE induces cell cycle arrest and causes potent cell apoptosis via activation of p53 and downstream targets in four AML cells (OCI-AML-3 and MOLM-13 with wt p53, NB4 with p53 mutation, and HL60 with p53 deletion).				
Solvent&Solubility	<b><i>In Vitro:</i></b> <b>DMSO : ≥ 55 mg/mL (109.04 mM)</b>  * "≥" means soluble, but saturation unknown.				
	Preparing  Stock Solutions	<div>Solvent / Mass / Concentration</div>	1 mg	5 mg	10 mg
		1 mM	1.9825 mL	9.9126 mL	19.8251 mL
		5 mM	0.3965 mL	1.9825 mL	3.9650 mL
		10 mM	0.1983 mL	0.9913 mL	1.9825 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]. Huang Y, et al. Discovery of highly potent p53-MDM2 antagonists and structural basis for anti-acute myeloid leukemia activities. ACS Chem Biol. 2014 Mar 21;9(3):802-11.				

源叶生物