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产品名称: 苯五羧酸

产品别名: **Benzenepentacarboxylic Acid; Pentacarboxybenzene; 苯五甲酸**

生物活性:

Description	Benzenepentacarboxylic acid (BA), a novel fluorescent probe to detect and scavenge HO ⁻ . A specific and reproducible fluorescent probe of HO ⁻ developed is utilized to prove and detect the generation of HO ⁻ in H ₂ O ₂ /TAED and H ₂ O ₂ /TBCC alkali systems.			
Solvent&Solubility	<i>In Vitro:</i> DMSO : ≥ 48 mg/mL (160.99 mM) * "≥" means soluble, but saturation unknown.			
	Preparing Stock Solutions	Solvent Mass Concentration	1 mg	5 mg
		1 mM	3.3539 mL	16.7695 mL
		5 mM	0.6708 mL	3.3539 mL
		10 mM	0.3354 mL	1.6770 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]. Si F et al. Study on H ₂ O ₂ /TAED and H ₂ O ₂ /TBCC bleaching mechanism related to hydroxyl radical with a fluorescent probe. Carbohydr Polym. 2014 Mar 15;103:581-6.			

源叶生物