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产品名称: **N-(2-Aminophenyl)-N' -phenylheptanediamide**  
产品别名: **NKL 22**

生物活性:					
Description	NKL 22 is a HDAC inhibitor. The value of IC <sub>50</sub> is 78 uM NKL 22 increase frataxin protein concentrations NKL 22 inhibitors increase FXN mRNA in FRDA lymphocytes. HDAC inhibitors act directly on FXN. [1]				
IC <sub>50</sub> & Target	HDAC				
	78 μM (IC <sub>50</sub> , in HeLa nuclear)				
Solvent&Solubility	<b>In Vitro:</b> <b>DMSO : ≥ 29 mg/mL (89.12 mM)</b>  * "≥" means soluble, but saturation unknown.				
	Preparing  Stock Solutions	<div>Solvent / Mass / Concentration</div>	1 mg	5 mg	10 mg
		1 mM	3.0731 mL	15.3657 mL	30.7314 mL
		5 mM	0.6146 mL	3.0731 mL	6.1463 mL
		10 mM	0.3073 mL	1.5366 mL	3.0731 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]. D Herman et al. Histone deacetylase inhibitors reverse gene silencing in Friedreich's ataxia. Nat Chem Biol, 2006 Oct, 2(10):551-8.				

源叶生物