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产品名称: 7-氯-4-羟基-3-(3-苯氧基)苯基-2(1H)-喹啉
产品别名: L-701324

生物活性:					
Description	L-701324 is an orally active and long acting anticonvulsant with high affinity and selectivity for the glycine site on the NMDA receptor. Target: NMDA Receptor L-701324 is a potent, active anticonvulsant with a reduced propensity to activate mesolimbic dopaminergic systems in rodents. L-701324 exhibits a beneficial action in the animal model of parkinsonian rigidity, but not that of parkinsonian akinesia. L-701324 (2.5-40 mg/kg, i.p.) dose-dependently decreased the muscle tone enhanced by haloperidol (1-5 mg/kg, i.p.).				
Solvent&Solubility	In Vitro: DMSO : ≥ 34 mg/mL (93.46 mM) * "≥" means soluble, but saturation unknown.				
	Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
		1 mM	2.7488 mL	13.7442 mL	27.4884 mL
		5 mM	0.5498 mL	2.7488 mL	5.4977 mL
		10 mM	0.2749 mL	1.3744 mL	2.7488 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]. Piotr Wlaz, et al. Differential effects of glycine on the anticonvulsant activity of D-cycloserine and L-701,324 in mice. Pharmacological Reports 2011,63,1231-1234				

源叶生物