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产品名称: **GW274150**  
产品别名: **GW274150**

生物活性:				
Description	GW274150 is a novel arginine-competitive, NADPH-dependent iNOS inhibitor that has been identified from a series of acetamide amino acids that have a high selectivity for iNOS vs both eNOS (> 260-fold) and nNOS (> 219-fold) and high bioavailability (> 90%) after oral administration. Target: iNOS in vivo: GW274150 demonstrates a narrow neuroprotective therapeutic window against the toxic actions of 6-OHDA. GW274150 administration leads to a dose-dependent decrease in the number of iNOS-positive cells in the SNc of the 6-OHDA-lesioned animals. The iNOS inhibitor GW274150 fails to produce long-term neuroprotection after its withdrawal in the 6-OHDA-lesioned rat. [1]			
Solvent&Solubility	<b>In Vitro:</b> <b>H<sub>2</sub>O : ≥ 62 mg/mL (282.72 mM)</b> <b>DMSO : &lt; 1 mg/mL (insoluble or slightly soluble)</b> <small>* "≥" means soluble, but saturation unknown.</small>			
		<div>Solvent / Mass / Concentration</div>	1 mg	5 mg
	Preparing	1 mM	4.5600 mL	22.7998 mL
	Stock Solutions	5 mM	0.9120 mL	4.5600 mL
		10 mM	0.4560 mL	2.2800 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 (stored under nitrogen)。-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]. Broom L, et al. Neuroprotection by the selective iNOS inhibitor GW274150 in a model of Parkinson disease. Free Radic Biol Med. 2011 Mar 1;50(5):633-40. [2]. Seymour M, et al. Ultrasonographic measures of synovitis in an early phase clinical trial: a double-blind, randomised, placebo and comparator controlled phase IIa trial of GW274150 (a selective inducible nitric oxide synthase inhibitor) in rheumatoid arthritis. Clin Exp Rheumatol. 2012 Mar-Apr;30(2):254-61.			