

产品名称：**C-DIM12**

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生物活性:				
Description	C-DIM12 is a synthetic Nurr1 activaor induces Nurr1 and DA gene expression in cell lines and primary neurons. Target: Nurr1 in vitro: C-DIM12 as a modulator of Nurr1 activity that results in inhibition of NF-κB-dependent gene expression in glial cells by stabilizing nuclear corepressor proteins, which reduces binding of p65 to inflammatory gene promoters. C-DIM12 Decreases Inflammatory Gene Expression in BV-2 Microglia. C-DIM12 Decreases Expression of NF-κB-Enhanced GFP Expression in Human Embryonic Kidney 293 Reporter Cells.[1] C-DIM12 increases protein levels of exogenously expressed human Nurr1 in transfected neurons.C-DIM12 protects neurons from 6-hydroxydopamine toxicity. [2]			
Solvent&Solubility	<i>In Vitro:</i> DMSO : ≥ 100 mg/mL (280.23 mM) H₂O : < 0.1 mg/mL (insoluble) * "≥" means soluble, but saturation unknown.			
	Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg
		1 mM	2.8023 mL	14.0115 mL
		5 mM	0.5605 mL	2.8023 mL
		10 mM	0.2802 mL	1.4011 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]. <u>De Miranda BR, et al. The Nurr1 Activator 1,1-Bis(3'-Indolyl)-1-(p-Chlorophenyl)Methane Blocks Inflammatory Gene Expression in BV-2 Microglial Cells by Inhibiting Nuclear Factor κB. Mol Pharmacol. 2015 Jun;87(6):1021-34. doi: 10.1124/mol.114.095398. Epub 2015 Apr 9.</u> [2]. <u>Hammond SL, et al. A novel synthetic activator of Nurr1 induces dopaminergic gene expression and protects against 6-hydroxydopamine neurotoxicity in vitro. Neurosci Lett. 2015 Oct 21;607:83-9.</u>			