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产品名称: **CCG-63802**

产品别名: **CCG-63802**

生物活性:				
Description	CCG-63802 is a reversible inhibitor of regulator of G-protein signaling (RGS) protein; with greatest potency at RGS4. IC50 value: Target: RGS CCG-63802 is selective amongst RGS proteins, with greatest potency at RGS4. CCG-63802 inhibits GTPase accelerating protein activity of RGS4 and blocks its interaction with Gao. Retains activity under reducing conditions.			
Solvent&Solubility	In Vitro: DMSO : 1.67 mg/mL (3.71 mM; Need ultrasonic and warming)			
	Preparing Stock Solutions	Solvent Mass Concentration	1 mg	5 mg
		1 mM	2.2197 mL	11.0985 mL
		5 mM	---	---
		10 mM	---	---
	*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。 In Vivo: 1.CCG-63802 is dissolved in DMSO and diluted with 0.9% NaCl[3].			
References	[1]. Blazer LL, et al. Reversible, allosteric small-molecule inhibitors of regulator of G protein signaling proteins. Mol Pharmacol. 2010 Sep;78(3):524-33. [2]. Meng X, et al. PPARγ Agonist PGZ Attenuates OVA-Induced Airway Inflammation and Airway Remodeling via RGS4 Signaling in Mouse Model. Inflammation. 2018 Jul 19. [3]. Bosier B, et al. Inhibition of the regulator of G protein signalling RGS4 in the spinal cord decreases neuropathic hyperalgesia and restores cannabinoid CB1 receptor signalling. Br J Pharmacol. 2015 Nov;172(22):5333-46.			