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产品名称: **Fabomotizole (hydrochloride)**

产品别名: **CM346 hydrochloride**

生物活性:				
Description	Fabomotizole hydrochloride (CM346 hydrochloride) is an anxiolytic drug; produces anxiolytic and neuroprotective effects without any sedative or muscle relaxant actions. IC50 value: Target: anxiolytic agent Afobazole's mechanism of action remains poorly defined however, with GABAergic, NGF and BDNF release promoting, MT1 receptor antagonism, MT3 receptor antagonism, and sigma agonism suggested as potential mechanisms. Afobazole was shown to inhibit MAO-A reversibly and there might be also some involvement with serotonin receptors. Afobazole has found little clinical use outside of Russia and has not been evaluated by the FDA.			
Solvent&Solubility	In Vitro: DMSO : ≥ 44 mg/mL (127.96 mM) * "≥" means soluble, but saturation unknown.			
	Preparing Stock Solutions	Solvent Mass Concentration	1 mg	5 mg
		1 mM	2.9081 mL	14.5404 mL
		5 mM	0.5816 mL	2.9081 mL
		10 mM	0.2908 mL	1.4540 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]. Afobazole, From Wikipedia			

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