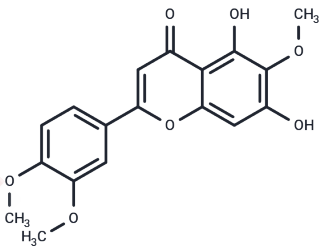
Data Sheet (Cat.No.T3362)

TargetMol

Eupatilin

Chemical Properties



CAS No. : 22368-21-4

Formula: C18H16O7

Molecular Weight: 344.32

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Eupatilin (NSC-122413), a flavone derived from Artemisia princepsPampanini, is a PPARα agonist, with pharmacological activity.
Targets(IC50)	Autophagy,PPAR

Solubility Information

Solubility	DMSO: 62 mg/mL (180.07 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9043 mL	14.5214 mL	29.0428 mL
5 mM	0.5809 mL	2.9043 mL	5.8086 mL
10 mM	0.2904 mL	1.4521 mL	2.9043 mL
50 mM	0.0581 mL	0.2904 mL	0.5809 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Li YY, et al. Oncol Lett. 2015 Oct;10(4):2505-2510.;
Yu K, et al. Int J Clin Exp Med. 2015 Dec 15;8(12):22191-7.
Jeong JH, et al. PLoS One. 2015 Jun 17;10(6):e0130882.
Du L, et al. Eupatilin prevents H2O2-induced oxidative stress and apoptosis in human retinal pigment epithelial cells. Biomed Pharmacother. 2017 Jan;85:136-140.

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