

CHAMOT

Prostaglandin E2

CM007-2SM
CM007-5SM



CHAMOT

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Prostaglandin E2

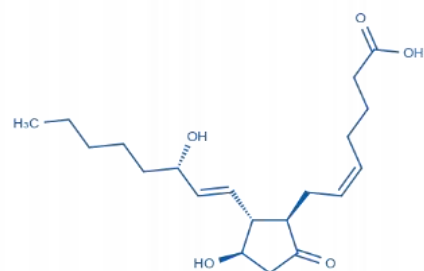
编号: CM007-2SM
CM007-5SM

规格: 2 mg
5 mg

类别: 小分子

产品简介

CAS号: 363-24-6
分子式: $C_{20}H_{32}O_5$
分子量: 352.47



储存	Powder	Sealed in dry, Store in freezer, under -20°C	
	In solvent	-20°C: 3-6 月	-80°C: 12 月
溶解度	DMSO	330.0 mg/mL (936.2 mM)	
	Water	115.0 mg/mL (326.3 mM)	

产品使用

原液配制	Volume Concentration	Mass	5 mg	50 mg	100 mg
	1mM		14.1856 mL	141.856 mL	283.712 mL
	5mM		2.8371 mL	28.371 mL	56.742 mL
	10mM		1.4186 mL	14.186 mL	28.371 mL

产品应用数据

Biological Activity

Description	Prostaglandin E2 (PGE2) is a potent inflammatory mediator that is generated by cyclooxygenase 2 (COX2) conversion of arachidonic acid. PGE2 was shown to stimulate progenitor proliferation in vitro in cell culture and intravenous injection of PGE on injured mice showed significant improvement in marrow recovery versus control animals. PGE2 (0.1 mg/min, i.a.) increases renal blood flow. PGE2 produces a biphasic change in renal vascular resistance, vasodilatation starts at 0.01 mg/min and is maximal at about 3 mg/min, while at the highest dose used (20 mg/min) PGE2 induces renal vasoconstriction.
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Clinical Study

NCT Number	Condition or disease	Phase	Recruitment Status	Estimated Study Completion Date	Locations
NCT00791323	-	-	Completed	-	-
NCT00347503	Cataract	Phase 4	Completed	-	United States, Pennsylvania ...
NCT03507621	-	-	Active, not recruiting	December 15, 2018	Turkey ...