

Ro 12-1989

Chemical Properties

CAS No.:	1783-84-2
Formula:	C ₂₀ H ₃₄ O ₂
Molecular Weight:	306.48
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Ro 12-1989 can be converted into prostaglandin E1 (PGE1). Ro 12-1989 competes with arachidonic acid for COX and lipoyxygenase, inhibiting the production of arachidonic acid's eicosanoids.
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Solubility Information

Solubility	DMSO: 100mg/mL(326.28 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.263 mL	16.314 mL	32.629 mL
5 mM	0.653 mL	3.263 mL	6.526 mL
10 mM	0.326 mL	1.631 mL	3.263 mL
50 mM	0.065 mL	0.326 mL	0.653 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

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