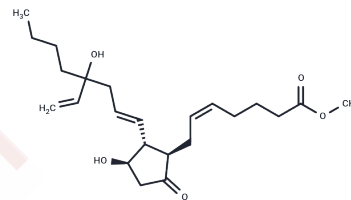


Viprostol

Chemical Properties

CAS No. :	73621-92-8
Formula:	C ₂₃ H ₃₆ O ₅
Molecular Weight:	392.53
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Viprostol is an agent of prostaglandin antihypertensive.
Targets(IC50)	Others,Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5476 mL	12.7379 mL	25.4758 mL
5 mM	0.5095 mL	2.5476 mL	5.0952 mL
10 mM	0.2548 mL	1.2738 mL	2.5476 mL
50 mM	0.051 mL	0.2548 mL	0.5095 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Chan PS, Cervoni P, Scully PA, Ronsberg MA, Accomando RC. Mechanism of action of a new prostaglandin antihypertensive, viprostol [CL 115 347; (dl)-15-deoxy-16-hydroxy-16(alpha/beta)-vinyl-prostaglandin E2 methyl ester]: (I). Vasodilation. J Hypertens. 1986 Dec;4(6):741-7. PubMed PMID: 3029218.
- Chan PS, Cervoni P, Accomando RC, Quirk GJ, Ronsberg MA. Mechanism of action of a new prostaglandin antihypertensive, viprostol [CL 115 347; (dl)-15-deoxy-16-hydroxy-16(alpha/beta)-vinyl-prostaglandin E2 methyl ester]: (II). Effects on the adrenergic nervous system. J Hypertens. 1986 Dec;4(6):749-57. PubMed PMID: 2880911.
- Olsen EA, DeLong E. Transdermal viprostol in the treatment of male pattern baldness. J Am Acad Dermatol. 1990 Sep;23(3 Pt 1):470-2. PubMed PMID: 2212146.
- Nicolau G, Cosulich DB, Tonelli A, Chen SM, Pruzinsky MS, Blum D. Metabolism of viprostol--a synthetic vasodilator PGE2 analog. Prostaglandins. 1986 Apr;31(4):811-27. PubMed PMID: 3088678.

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