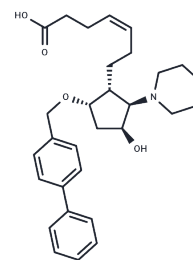


Vapiprost

Chemical Properties

CAS No. :	85505-64-2
Formula:	C30H39NO4
Molecular Weight:	477.64
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	Vapiprost is an antagonist of the thromboxane receptor and a prostaglandin receptor.
Targets(IC50)	Others,Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0936 mL	10.4681 mL	20.9363 mL
5 mM	0.4187 mL	2.0936 mL	4.1873 mL
10 mM	0.2094 mL	1.0468 mL	2.0936 mL
50 mM	0.0419 mL	0.2094 mL	0.4187 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

- Uematsu T, Nagashima S, Mizuno A, Hirano K, Nakashima M. Pharmacokinetic and pharmacodynamic profiles of vapiprost, a selective, long-lasting thromboxane receptor antagonist, after single and multiple oral administration to healthy volunteers. *J Clin Pharmacol.* 1991 Sep;31(9):815-22. PubMed PMID: 1839540.
- Nishiyama H, Umemura K, Saniabadi AR, Takiguchi Y, Uematsu T, Nakashima M. Enhancement of thrombolytic efficacy of tissue-type plasminogen activator by adjuvants in the guinea pig thrombosis model. *Eur J Pharmacol.* 1994 Oct 24;264(2):191-8. PubMed PMID: 7851482.
- Kan KK, Jones RL, Ngan MP, Rudd JA. Action of prostanoids on the emetic reflex of *Suncus murinus* (the house musk shrew). *Eur J Pharmacol.* 2003 Sep 23;477(3):247-51. PubMed PMID: 14522363.
- Matsuzaki T, Noguchi K, Nakasone J, Uezu K, Higuchi M, Sakanashi M. Effects of the new thromboxane A2 antagonist vapiprost on isolated canine blood vessels. *Arzneimittelforschung.* 1992 Nov;42(11):1318-22. PubMed PMID: 1492844.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481