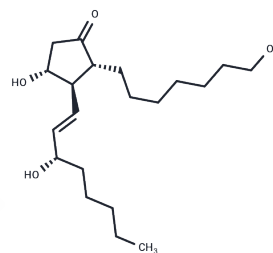


TR4161

Chemical Properties

CAS No. : 21562-57-2
 Formula: C₂₀H₃₆O₄
 Molecular Weight: 340.5
 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	TR4161 is a prostaglandin bronchodilator of low tracheobronchial irritancy.
Targets(IC50)	Others,Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9369 mL	14.6843 mL	29.3686 mL
5 mM	0.5874 mL	2.9369 mL	5.8737 mL
10 mM	0.2937 mL	1.4684 mL	2.9369 mL
50 mM	0.0587 mL	0.2937 mL	0.5874 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

- Gardiner PJ, Copas JL, Schneider C, Collier HO. 2-decarboxy-2-hydroxymethyl prostaglandin E1 (TR4161), a prostaglandin bronchodilator of low tracheobronchial irritancy. Prostaglandins. 1980 Mar;19(3):349-70. PubMed PMID: 7384544.
- Gardiner PJ, Collier HO. Specific receptors for prostaglandins in airways. Prostaglandins. 1980 Jun;19(6):819-41. PubMed PMID: 6247749.
- Nizankowska E, Sheridan AQ, Maile MH, Cross CJ, Nizankowski R, Prochowska K, Szczeklik A. Bronchodilatory properties of 2-decarboxy-2-hydroxymethyl prostaglandin E1. Prostaglandins. 1985 Mar;29(3):349-62. PubMed PMID: 3858912.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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