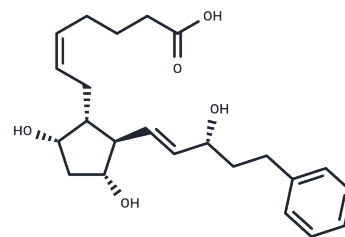


15(R)-17-phenyl trinor Prostaglandin F2 α

Chemical Properties

CAS No. :	41639-71-8
Formula:	C ₂₃ H ₃₂ O ₅
Molecular Weight:	388.5
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	17-phenyl trinor Prostaglandin F2 α N-ethyl amide (17-phenyl trinor PGF2 α) is an F-series prostaglandin analog which has been approved for use as an ocular hypotensive drug, sold under the Allergan trade name 17-phenyl trinor PGF2 α ethyl amide. Investigations in our lab have shown that 17-phenyl trinor PGF2 α ethyl amide is converted by an amidase enzymatic activity in the human cornea to yield the corresponding free acid, with a conversion rate of about 25 μ g/cornea/24 hours. The free acid, 17-phenyl trinor PGF2 α , is a potent FP receptor agonist. 15(R)-17-phenyl trinor PGF2 α is the 15-epi, or "unnatural" isomer of this active free acid metabolite. It has much diminished FP receptor-mediated activity
-------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.574 mL	12.870 mL	25.740 mL
5 mM	0.5148 mL	2.574 mL	5.148 mL
10 mM	0.2574 mL	1.287 mL	2.574 mL
50 mM	0.0515 mL	0.2574 mL	0.5148 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.

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:36 Washington Street,Wellesley Hills,MA 02481