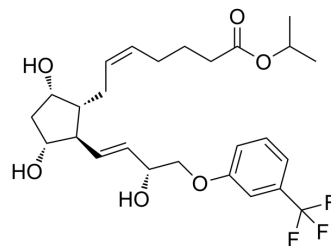


Travoprost (Standard)

Cat. No.:	HY-B0584R
CAS No.:	157283-68-6
Molecular Formula:	C ₂₆ H ₃₅ F ₃ O ₆
Molecular Weight:	500.55
Target:	Prostaglandin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

Ethanol : 60 mg/mL (119.87 mM; Need ultrasonic)
 DMSO : ≥ 41.67 mg/mL (83.25 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	1 mM		1.9978 mL	9.9890 mL	19.9780 mL
	5 mM		0.3996 mL	1.9978 mL	3.9956 mL
	10 mM		0.1998 mL	0.9989 mL	1.9978 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Travoprost (Standard) is the analytical standard of Travoprost. This product is intended for research and analytical applications. Travoprost (Fluprostenol isopropyl ester), an isopropyl ester proagent, is a high affinity, selective FP prostaglandin full receptor agonist. Travoprost has the ocular hypotensive efficacy and has the potential for glaucoma and ocular hypertension^[1].

IC₅₀ & Target

FP

CUSTOMER VALIDATION

- Front Pharmacol. 2019 May 24;10:549.
- Pharmaceutics. 2022, 14(7), 1405.

See more customer validations on www.MedChemExpress.com

Caution: Product has not been fully validated for medical applications. For research use only.

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