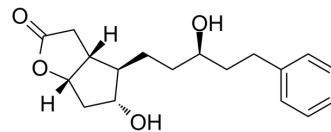


## Latanoprost lactone diol

Cat. No.:	HY-125946
CAS No.:	145667-75-0
Molecular Formula:	C <sub>18</sub> H <sub>24</sub> O <sub>4</sub>
Molecular Weight:	304.38
Target:	Prostaglandin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Latanoprost lactone diol is an intermediate in the synthesis of Latanoprost. Latanoprost is a prostaglandin F<sub>2α</sub> analogue and an agonist for the FP prostanoid receptor, and lowers intraocular-pressure (IOP)<sup>[1]</sup>.

### REFERENCES

[1]. Pauly A, et al. In vitro and in vivo comparative toxicological study of a new preservative-free latanoprost formulation. Invest Ophthalmol Vis Sci. 2012 Dec 13;53(13):8172-80.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA