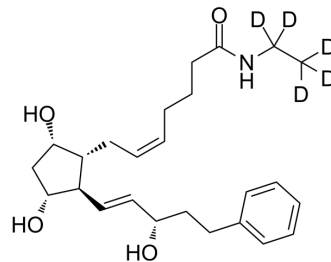


Bimatoprost-d5

Cat. No.:	HY-B0191S		
Molecular Formula:	C ₂₅ H ₃₂ D ₅ NO ₄		
Molecular Weight:	420.6		
Target:	Prostaglandin Receptor		
Pathway:	GPCR/G Protein		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

Bimatoprost-d₅ is a deuterium labeled Bimatoprost. Bimatoprost is a prostaglandin analog and is a topical hypotensive agent frequently used for treating ocular hypertension and glaucoma. Bimatoprost also has an antiadipogenic effect[1][2].

REFERENCES

- [1]. Park J, et al. Changes to upper eyelid orbital fat from use of topical bimatoprost, travoprost, and latanoprost. *Jpn J Ophthalmol.* 2011 Jan;55(1):22-7.
- [2]. Krauss AH, et al. Update on the mechanism of action of bimatoprost: a review and discussion of new evidence. *Surv Ophthalmol.* 2004 Mar;49 Suppl 1:S5-11.

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

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