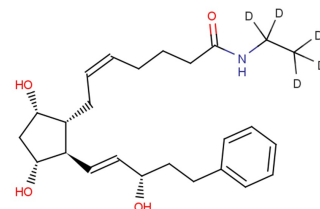


Data Sheet (Cat.No.T10544)

Bimatoprost D5

Chemical Properties

CAS No.:	T10544
Formula:	C ₂₅ H ₃₂ D ₅ NO ₄
Molecular Weight:	420.6
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Bimatoprost (AGN 192024) D5 is a deuterium-labeled Bimatoprost. Bimatoprost is a topical hypotensive agent frequently used for treating glaucoma and ocular hypertension.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.378 mL	11.888 mL	23.776 mL
5 mM	0.476 mL	2.378 mL	4.755 mL
10 mM	0.238 mL	1.189 mL	2.378 mL
50 mM	0.048 mL	0.238 mL	0.476 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

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.

Inhibitors · Natural Compounds · Compound Libraries

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