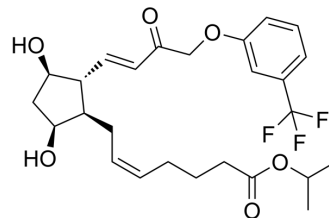


## 15-Keto Travoprost

<b>Cat. No.:</b>	HY-116617		
<b>CAS No.:</b>	404830-45-1		
<b>Molecular Formula:</b>	C <sub>26</sub> H <sub>33</sub> F <sub>3</sub> O <sub>6</sub>		
<b>Molecular Weight:</b>	498.53		
<b>Target:</b>	Drug Metabolite		
<b>Pathway:</b>	Metabolic Enzyme/Protease		
<b>Storage:</b>	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (200.59 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.0059 mL	10.0295 mL	20.0590 mL
5 mM	0.4012 mL	2.0059 mL	4.0118 mL
10 mM	0.2006 mL	1.0029 mL	2.0059 mL

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

### BIOLOGICAL ACTIVITY

#### Description

15-Keto Travoprost (15-Keto Fluprostenol isopropyl ester) is a metabolite of [Travoprost](#) (HY-B0584). 15-Keto Travoprost shows stimulatory effect on the growth and thickening of the eyelashes<sup>[1][2]</sup>.

#### In Vitro

15-Keto Travoprost (80 µg/mL) can be used for the treatment of idiopathic hypotrichosis of the eyelashes<sup>[1]</sup>. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. Fabbrocini G, et al. 15 keto fluprostenol isopropyl ester (80 µg/mL) gel for cosmetic eyelash growth and enhancement. J Cosmet Dermatol. 2019 Apr;18(2):545-549.
- [2]. Ciro C, et al. Effect of Fluprostenol Isopropyl Ester and 15-Keto Fluprostenol on Eyelash Growth: A Clinical and Pharmacologic Study. Skinmed. 2018 Jul 1;16(4):231-233.

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

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