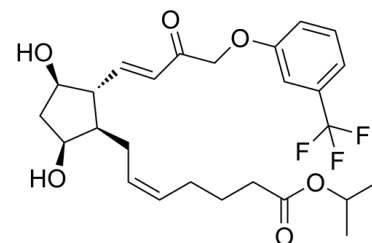


Data Sheet

Product Name:	15-Keto Travoprost
Cat. No.:	CS-0066079
CAS No.:	404830-45-1
Molecular Formula:	C ₂₆ H ₃₃ F ₃ O ₆
Molecular Weight:	498.53
Target:	Others
Pathway:	Others
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

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^{[1][2]}. **In Vitro:** 15-Keto Travoprost (80 µg/mL) can be used for the treatment of idiopathic hypotrichosis of the eyelashes^[1].

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.

CAIndexNames:

5-Heptenoic acid, 7-[(1R,2R,3R,5S)-3,5-dihydroxy-2-[(1E)-3-oxo-4-[3-(trifluoromethyl)phenoxy]-1-buten-1-yl]cyclopentyl]-, 1-methylethyl ester, (5Z)-

SMILES:

CC(C)OC(CCC/C=C\C[C@@H]1[C@H]([C@@H]([C@@H]([C@@H]1O)O)/C=C/C(COC2=CC(C(F)(F)F)=CC=C2)=O)=O

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

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