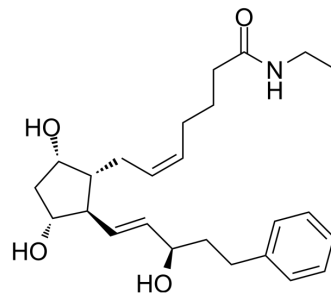


## (15R)-Bimatoprost

Cat. No.:	HY-114867
CAS No.:	1163135-92-9
Molecular Formula:	C <sub>25</sub> H <sub>37</sub> NO <sub>4</sub>
Molecular Weight:	416
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

(15R)-Bimatoprost (15(R)-17-phenyl trinor PGF<sub>2</sub>α ethyl amide) is a prostaglandin analog used to treat glaucoma and ocular hypertension. (15R)-Bimatoprost is an isomer of Bimatoprost with an inverted (β) hydroxyl group on C-15<sup>[1]</sup>.

### REFERENCES

[1]. Dams I, et al. A novel convergent synthesis of the antiglaucoma PGF<sub>2</sub>α analogue bimatoprost. *Chirality*. 2013 Mar;25(3):170-9.

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

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