

Product Datasheet

(15R)-Bimatoprost (orb2283718)

Catalog Number	orb2283718
Category	Small Molecules
Description	(15R)-Bimatoprost is a stereoisomer of the prostaglandin analog bimatoprost, distinguished by a beta-oriented hydroxyl group at the C-15 position. It is used in glaucoma and ocular hypertension research, serving as a tool for investigating the structure-activity relationships of FP receptor agonists in both in vitro and in vivo experimental models.
Target	Others, Prostaglandin Receptor
MW	415.57
CAS Number	1163135-92-9
Formula	C ₂₅ H ₃₇ NO ₄
SMILES	<chem>C(=C/[C@@H](CCC1=CC=CC=C1)O)[C@@H]2[C@@H](C/C=C\CCCC(NCC)=O)[C@@H](O)C[C@H]2O</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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