



Chong Da Prostaglandin Fine Chemicals Co., Ltd
Add: NO.1585 JIUYE ROAD, QINGPU DISTRICT, SHANGHAI,
CHINA Tell: +8617317359818 Email: info@chongdachem.com

TDS (technical data sheet)

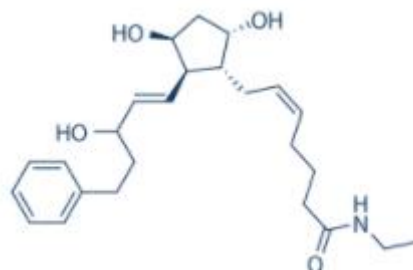
Product name: Bimatoprost

Cas number: 155206-00-1

Molecular Formula: C₂₅H₃₇N₀₄

Molecular Weight: 415.56

Chemical structure:



Items	Specifications
Description	White powder
Water	< 0.5 %
Solubility	Very soluble in ethanol, methanol, sparingly to slightly soluble in water
Identification	By HPLC HNMR
Residue on Ignition	≤ 0.1%
Heavy metals	≤ 10PPM
Optical rotation	+33.0°~+37.0° (C=2.0, CH ₃ ON)
Related substances	15-keto and Bimatoprost ≤ 0.10% 5,6-trans Bimatoprost: ≤ 0.10% Any other impurity ≤ 0.1% Total other impurities ≤ 0.5%
Microbial limit	Total aerobic microbial count: NMT 10 ³ CFU/g
	Total yeasts and molds count: NMT 10 ² CFU/g
Residue Solvent	Ethyl acetate ≤ 0.5%
	N-hexanol ≤ 0.029%
	Ethanol ≤ 0.5%
	Ether ≤ 0.5%
	Ter-butylmethyl ether ≤ 0.5%
Purity	≥ 99.5%