



ChongDa Prostaglandin Fine Chemicals Co., Ltd

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TDS (technical data sheet)

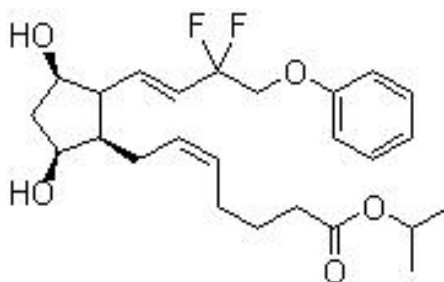
Product name: Tafluprost

Cas number: 209860-87-7

Molecular Formula: C₂₅H₃₄F₂O₅

Molecular Weight: 452.53

Chemical structure:



Items	Specifications
Description	pale yellow to colorless Oil
Identification	NMR HPLC
Optical Rotation(C=0.5 ethanol)	+19.0° ~ +23°
Water	≤ 1.0%
Related substances	Tafluprost acid ≤ 0.3% 5,6-trans isomer ≤ 0.5 % Any unspecified impurity: ≤ 0.1 % Total impurities: ≤ 2.0 %
Residue Solvent	n-Hexane: ≤ 0.029% Isopropanol: ≤ 0.5% Methyl tert-butyl ether: ≤ 0.5% N,N-Dimethylformamide ≤ 0.088%
Purity by HPLC	≥ 98%