Certificate of Analysis

Tafluprost

Cat. No.: HY-B0600

CAS No.: 209860-87-7

Batch No.: 295465

Chemical Name: 5-Heptenoic acid, 7-[(1R,2R,3R,5S)-2-[(1E)-3,3-difluoro-4-phenoxy-1-buten-1-yl]-3,5-dihydroxycy

clopentyl]-, 1-methylethyl ester, (5Z)-

PHYSICAL AND CHEMICAL PROPERTIES

 $\begin{tabular}{lll} \begin{tabular}{lll} Molecular Formula: & $C_{25}H_{34}F_2O_5$ \\ \begin{tabular}{lll} Molecular Weight: & 452.53 \\ \end{tabular}$

Storage: Pure form -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

¹H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.47%

Conclusion: The product has been tested and complies with the given specifications.

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

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA