



Certificate of analysis

Product name: Beraprost sodium

Cas number: 88475-69-8

Molecular Formula: $C_{24}H_{29}NaO_5$

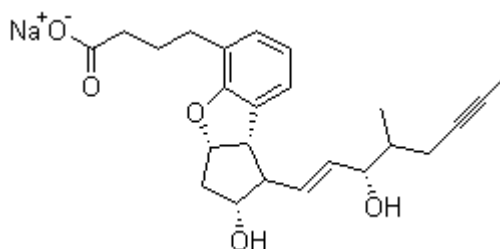
Molecular Weight: 420.47

Date of production: Feb. 07, 2017

Batch No: 20170207

Exp Date: Feb. 06, 2019

Chemical structure:



Items	Specifications	Results
Description	white or off-white powder	complies
Water	< 1.0 %	0.18%
Solubility	soluble in methanol, ethanol, water	complies
Identification	By HPLC HNMR	complies
Loos on drying	≤3.0%	0.40%
Isomer ratio	0.90~1.10	1.05
Purity (HPLC)	Related impurity1 ≤0.2%	0.05%
	Related impurity1 ≤0.2%	N.D
	Related impurity1 ≤0.2%	N.D
	Related impurity4 ≤0.3%	0.07%
	Other single impurities ≤0.1%	0.05%
	Total impurity ≤1.0%	0.22%
Residue Solvent	Ethyl acetate ≤ 0.5%	0.26%
	Ethanol ≤ 0.5%	0.12%
Purity by HPLC	98.5%~101.0%	99.78%

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director. Fang F