



Certificate of analysis

Product name: 15-keto bimatoprost

Cas number: 1163135-96-3

Molecular Formula: $C_{25}H_{35}NO_4$

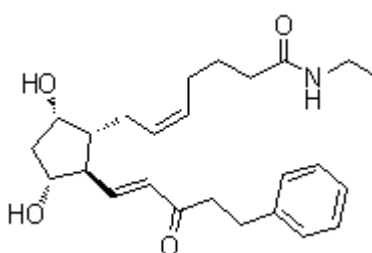
Molecular Weight: 413.55

Date of production: Dec, 30, 2017

Batch NO: 20171230

EXP DATE: Dec, 29, 2019

Chemical structure:



Items	Specifications	Results
Description	White or almost white powder	Conform
Identification (HPLC)	Both spectrum of the test sample and the reference standard exhibit the same intensity of absorption at the same wave number.	Conform
Water	N.M.T. 1.0 %	0.11%
Loss on drying	N.M.T. 1.0 %	0.14%
Identification	NMR HPLC	Conform
Residual solvents	Ethyl acetate: N.M.T. 0.5%	0.19%
Purity (HPLC)	Any single impurity: N.M.T. 2.0%	0.14%
	Total impurities: N.M.T. 3.0%	0.32%
Assay	97%-102%	99.68%

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director: Fang