



Certificate of analysis

Productname: Fingolimod hydrochloride

Cas number: 162359-56-0

Molecular Formula: $C_{19}H_{33}NO_2 \cdot HCl$

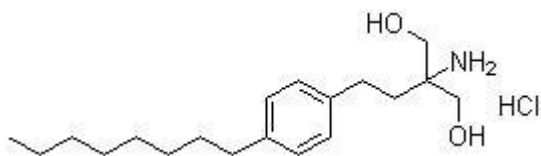
Molecular Weight: 343.93

Date of production: Mar. 25, 2019

Batch No: 20190325

EXP DATE: Mar. 24, 2021

Chemical structure:



Items	Specifications	Results
Appearance	White solid	Complies
Melting point	103~106℃	104~105℃
Identification	NMR HPLC	Complies
Water content	<1.0%	Complies
Related substances single impurities	≤0.5%	0.27%
Total impurities	≤1.0%	0.72%
Purity(HPLC)	≥99%	99.28%

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director. Fang F