



Certificate of analysis

Product name: Teneligliptin HBr

Cas number: 906093-29-6

Molecular Formula: $2(C_{22}H_{30}N_6OS) \cdot 5(HBr)$

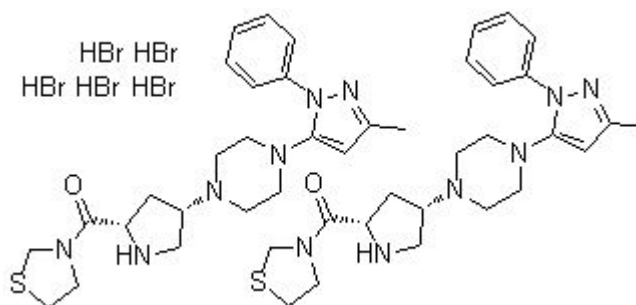
Molecular Weight: 1257.72

Date of production: Mar. 11, 2015

Batch No: 20150311

Exp Date: Mar. 10, 2017

Chemical structure:



Items	Specifications	Results
Characteristics	white to off-white crystal powder	Conforms
Identification	NMR, HPLC similar to Standard	Conforms
Total impurities	≤1.0%	0.1%
Single impurity	≤0.1%	0.05%
Loss on drying	≤1.0%	Conforms
Water	≤0.5%	0.2%
Heavy metal	≤10ppm	Conforms
Purity (HPLC)	≥99.0%	99.9%

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director. Fang F