



Certificate of analysis

Product name: ECBN HCL

Cas number: 1029890-89-8

Molecular Formula: C₃₄H₅₁N₇O₁₅·HCl

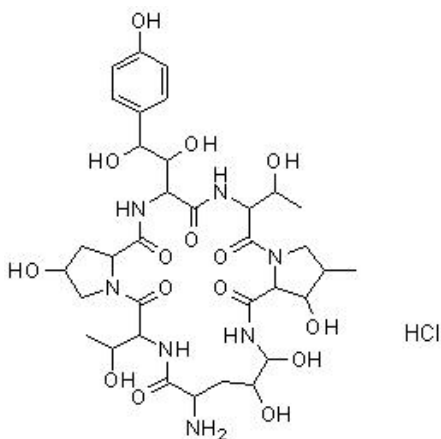
Molecular Weight: 834.27

Date of production: Oct. 15, 2019

Batch NO: 20191015

Exp Date: Oct. 14, 2021

Chemical structure:



Items	Specifications	Results
Appearance	White to off-white powder	white powder
Identification	RT. HPLC	Conforms
Related substances	Impurity A ≤ 0.5%	0.06%
	Impurity B ≤ 0.15%	0.08%
	Specified unidentified impurity RRT≈0.88≤0.30%	0.13%
	Impurity D ≤ 0.15%	N.D
	Impurity E ≤ 0.15%	0.03%
	Any unidentified individual impurity ≤ 0.50%	0.2%
	Total impurities ≤ 2.0%	0.5%
Water	≤20.0%	17.3%
Assay	95.0%~102.0%(on anhydrous basis)	98.2%

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director: Fang

