



Certificate of analysis

Product name: Elagolix sodium

Cas number: 832720-36-2

Molecular Formula: $C_{32}H_{29}F_5N_3O_5Na$

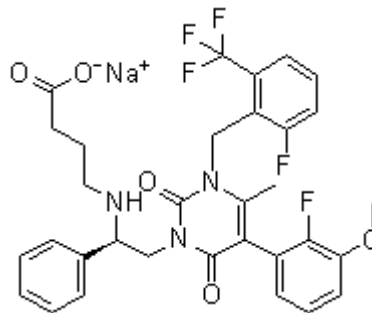
Molecular Weight: 653.57

Date of production: Mar. 07, 2019

Expiry Date: Mar. 08, 2021

Batch NO: 20190307

Chemical structure:



Items	Specifications	Results
Description	White to off-white powder	Conforms
Identification	NMR HPLC	Conforms
Water	$\leq 3.0\%$	1.8%
Heavy metals	$\leq 20\text{ppm}$	Conforms
Related Substances	Any other impurity $\leq 0.3\%$	0.08%
	Total impurities $\leq 1.0\%$	0.31%
Residual Solvents	Ethanol $\leq 0.5\%$	N.D
	MIBK $\leq 0.5\%$	0.13%
	n-heptane $\leq 0.5\%$	0.03%
Assay (on the anhydrous basis)	$\geq 98.0\%$	99.7%

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director: Fang F