



## Certificate of analysis

Product name: Fluralaner

Cas number: 864731-61-3

Molecular Formula:  $C_{22}H_{17}Cl_2F_6N_3O_3$

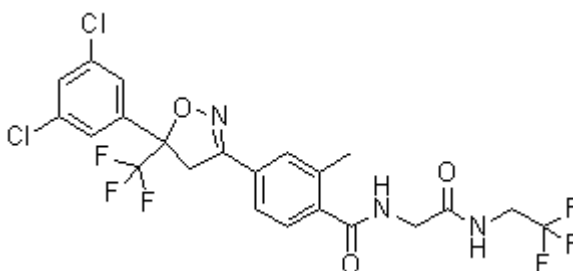
Molecular Weight: 556.29

Date of production: Mar. 06, 2020

Batch No: 20200306

Exp Date: Mar. 05, 2022

Chemical structure:



Items	Specifications	Results
Appearance	White or off-white powder	Conforms
Solubility	soluble in methanol	Conforms
Identification	NMR HPLC	Conforms
Loss on Drying	No more than 1.00%	0.10%
Sulfated ash	No more than 1.00%	0.20%
Total impurities	No more than 2.00%	0.87%
Purity(HPLC)	The calculation of the content of the anhydrous substance is between 98~100%	99.13%

**Conclusion: It complies with the Enterprise Standard.**

Analyst: Zhao

Checker: Liu

Q.C Director. Fang F