



# Certificate of analysis

Product name: Maraviroc

Cas number: 376348-65-1

Molecular Formula:  $C_{29}H_{41}F_2N_5O$

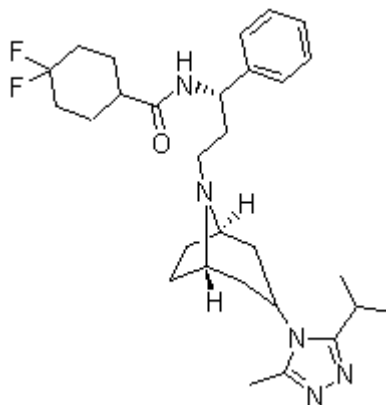
Molecular Weight: 513.67

Date of production: Sep. 15, 2018

Batch NO: 20180915

Exp Date: Sep. 14, 2020

Chemical structure:



Items	Specifications	Results
Appearance	White powder	Complies
Identification	HNMR HPLC	Complies
Water	$\leq 1.0\%$	0.09%
Related Substances	Any single impurity: $\leq 0.10\%$	0.09%
	Total Impurities: $\leq 2.0\%$	0.88%
Assay	$\geq 98.0\%$	99.12%

**Conclusion: Complies with in house standard.**

Analyst: Zhao

Checker: Liu

Q.C Director: Fang F