



Certificate of analysis

Productname : Doripenem side-chain

Cas number: 491878-06-9

Molecular Formula: $C_{20}H_{28}N_4O_9S_2$

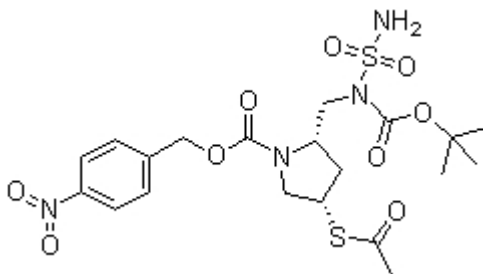
Molecular Weight: 532.59

Date of production: July. 28, 2013

Batch No: 20130728

EXP DATE: July. 27, 2015

Chemical structure:



Items	Specifications	Results
Appearance	slightly yellow to white crystalline powder	Confirm
Melting point	130-139°C	135~138°C
Heavy metals	Not more than 10ppm	Confirm
Loss on drying	Not more than 1%w/w	0.41%
Assay(HPLC)	Not less than 98%	98.86%
Individual Impurity	1% max	0.74%
Total Impurity	2% max	1.14%

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director: Fang F

