



Certificate of analysis

Product name: Canagliflozin

Cas number: 842133-18-0

Molecular Formula: $C_{24}H_{25}FO_5S$

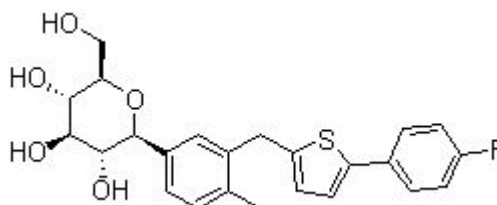
Molecular Weight: 444.52

Date of production: Jun. 28, 2014

Batch NO: 20140628

EXP DATE: Jun. 28, 2016

Chemical structure:



| Items | Specifications | Results |
|--------------------|---------------------------------|-----------------|
| Description | white or Off- White powder | Conform |
| Identification | NMR HPLC | Conform |
| Melting Point | 107°C~109°C | 107.3°C~107.9°C |
| Residue Solvent | Ethanol ≤ 5000 ppm | Conform |
| | Toluene ≤ 890 ppm | Conform |
| | Ethyl acetate ≤ 5000 ppm | Conform |
| NON-Enantiomer | $\leq 0.15\%$ | 0.06% |
| Related substances | Any other impurity $\leq 0.1\%$ | 0.06% |
| | Total impurities $\leq 0.5\%$ | 0.19% |
| Assay | $\geq 99.0\%$ | 99.81% |

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director. Fang