



Certificate of analysis

Product name: Ledipasvir

Cas number: 1256388-51-8

Molecular Formula: C₄₉H₅₄F₂N₈O₆

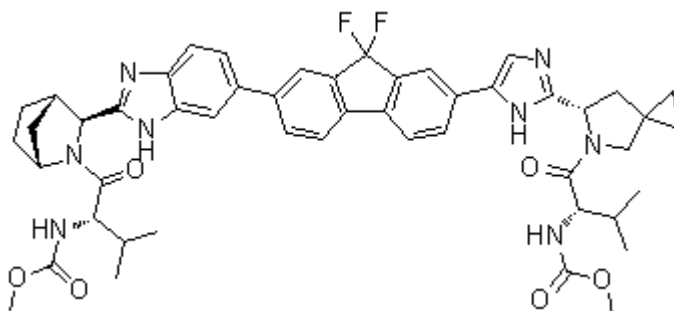
Molecular Weight: 889.00

Date of production: Jun. 28, 2014

Batch NO: 20140628

EXP DATE: Jun. 28, 2016

Chemical structure:



| Items | Specifications | Results |
|----------------|---|------------|
| Description | Off-White powder | Conform |
| Identification | The retention time of the sample should match with working standard | Conform |
| Enantiomer | ≤0.10% | Undetected |
| Total impurity | ≤1.0% | 0.37% |
| water | ≤1.0% | 0.3% |
| Assay | ≥99.0% | 99.63% |

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director: Fang