



# Certificate of analysis

Productname: (Z)-benzyl-7-((1R,2R,3R)-2-(4,4-difluoro-3-oxooctyl)-3-hydroxy-5-oxoclopentyl)hept-5-enoate

Cas number: 136790-79-9

Molecular Formula: C<sub>27</sub>H<sub>36</sub>F<sub>2</sub>O<sub>5</sub>

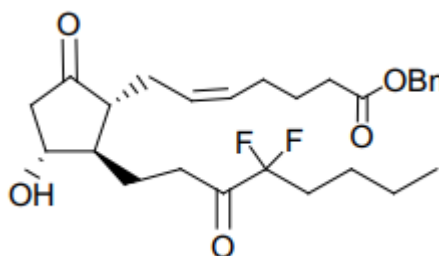
Molecular Weight: 478.577

Date of production: Apr. 18, 2018

Batch NO: 20180418

Exp Date: Apr. 17, 2020

Chemical structure:



Items	Specifications	Results
Appearance	yellowish viscous oily liquid	Conforms
Identification	Both spectrum of the test sample and the reference standard exhibit the same intensity of absorption at the same wave number	Conforms
Water	≤0.5%	0.12%
Residual solvents	Ethyl Acetate ≤1.0%	0.21%
Loss on drying	≤1.0%	0.22%
Any single impurity	≤0.5%	0.28%
Total impurity	≤3.0%	0.88%
Assay (HPLC)	97.0%~102.0	99.12%



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

Analyst: Zhao

Checker: Liu

Q.C Director: Fang F