## **Certificate of Analysis**

## Linagliptin-d<sub>4</sub>

 Cat. No.:
 HY-10284S

 CAS No.:
 2140263-92-7

 Batch No.:
 233864

Chemical Name: Linagliptin-d4

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{25}H_{24}D_4N_8O_2$ 

Molecular Weight: 476.57

Storage: Powder -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: Off-white to light yellow (Solid)

<sup>1</sup>H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 99.62%

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA