

CERTIFICATE OF ANALYSIS

GENERAL INFORMATION

Product No.: SI120080

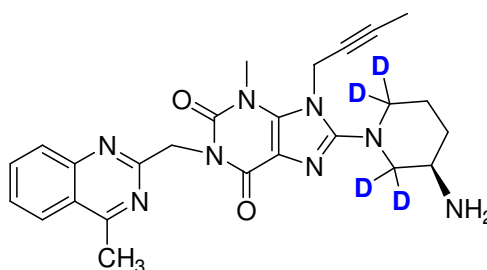
CAS No.: 2140263-92-7; 668270-12-0 (non-d)

Product Name: Linagliptin-d4

Other Names: 8-[(3R)-3-Amino-1-piperidinyl]-7-(2-butynyl)-3,7-dihydro-3-methyl-1-[(4-methyl-2-quinazoliny)methyl]-1H-purine-2,6-dione-d4; BI 1356-d4; BI 1356BS-d4; ONDERO-d4

Description: N/A

Structure:



Formula: C<sub>25</sub>H<sub>24</sub>D<sub>4</sub>N<sub>8</sub>O<sub>2</sub>

Mol.Wt.: 476.58

Exact Mass: 476.27

CHARACTERIZATION

PROPERTY

OBSERVATION

Appearance & Physical State:

Cream, solid powder

Proton NMR (CDCl<sub>3</sub>, 500 MHz):

Conforms

Mass Spectrometry (ESI-POS):

Conforms, [M+1] = 477.14

Purity (>95% by HPLC):

Conforms, >99%

BATCH INFORMATION

Lot No.:

XXXXXX

Date Prepared:

XXXXXX

NOTES

1. Store below -20°C.
2. Open when container and contents have reached room temperature.