

CERTIFICATE OF ANALYSIS

GENERAL INFORMATION

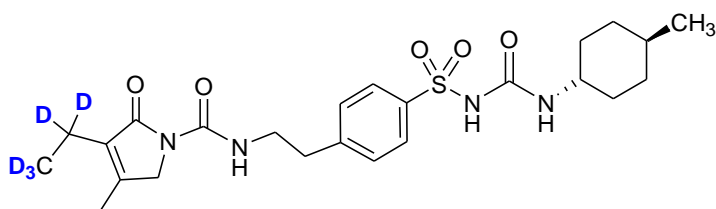
Product No.: SI070040

CAS No.: 93479-97-1 (non-d)

Product Name: Glimepiride-d5

Other Names: 3-Ethyl-2,5-dihydro-4-methyl-N-[2-[4-[[[trans-4-methylcyclohexyl]amino] carbonyl]amino]sulfonyl]phenyl]ethyl]-2-oxo-1H-pyrrole-1-carboxamide-d5; Amaryl-d5

Structure:



Formula: C₂₄H₂₉D₅N₄O₅S

Mol. Wt.: 495.65

Exact Mass: 495.26

CHARACTERIZATION

PROPERTY

OBSERVATION

Appearance & Physical State:

White, solid powder

Proton NMR (DMSO-d₆, 400 MHz):

Conforms

Mass Spectrometry (ESI-POS):

Conforms, [M⁺+1] = 496.5

Purity (>95% by HPLC):

Conforms, >99%

Isotopic Enrichment (>98%):

Conforms

BATCH INFORMATION

Lot No.:

XXXXXX

Date Prepared:

XXXXXX

NOTES

1. Store below -20°C for long term. Keep Dry.
2. Open when container and contents have reached room temperature.