Certificate of Analysis

Posaconazole-d₄

Cat. No.: HY-17373S1
CAS No.: 1133712-26-1
Batch No.: 147358

Chemical Name: D-threo-Pentitol, 2,5-anhydro-1,3,4-trideoxy-2-C-(2,4-difluorophenyl)-4-[[4-[4-[4-[4-[1-[(1S,2S)-1-et

hyl-2-hydroxypropyl]-1,5-dihydro-5-oxo-4H-1,2,4-triazol-4-yl]phenyl-2,3,5,6-d4]-1-piperazinyl]p

henoxy]methyl]-1-(1H-1,2,4-triazol-1-yl)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₃₇H₃₈D₄F₂N₈O₄

Molecular Weight: 704.80

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

N-N 0 - N N - N N OH

ANALYTICAL DATA

Appearance: White to off-white (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.04%

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.

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