Certificate of Analysis



Cofrogliptin

Cat. No.: HY-147257 CAS No.: 1844874-26-5 Batch No.: 263164

Chemical Name: D-arabino-Hexitol, 5-amino-2,6-anhydro-1,3,4,5-tetradeoxy-6-C-(2,5-difluorophenyl)-3-[2,6-dihy

dro-2-(methylsulfonyl)pyrrolo[3,4-c]pyrazol-5(4H)-yl]-1,1,1-trifluoro-, (6R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{19}F_5N_4O_3S$

Molecular Weight: 466.43

Storage: Powder -20°C 3 years

> $4^{\circ}C$ 2 years

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

$$\begin{array}{c|c} F & H_2N & H & O \\ \hline H & N & N - S \\ \hline F & F & O \end{array}$$

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 99.07%

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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