

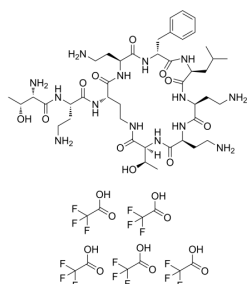
Polymyxin B nonapeptide (TFA)

Cat. No.: HY-106783A
 CAS No.: 2220175-42-6
 Batch No.: 266797
 Chemical Name: (2S,3R)-2-Amino-N-((S)-4-amino-1-oxo-1-(((3S,6S,9S,12S,15R,18S,21S)-6,9,18-tris(2-aminoethyl)-15-benzyl-3-((R)-1-hydroxyethyl)-12-isobutyl-2,5,8,11,14,17,20-hepta-oxo-1,4,7,10,13,16,19-heptaazacyclotricosan-21-yl)amino)butan-2-yl)-3-hydroxybutanamide pentakis(2,2,2-trifluoroacetate)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{43}H_{74}N_{14}O_{11} \cdot 5C_2HF_3O_2$
 Molecular Weight: 1533.25
 Storage: Sealed storage, away from moisture
 Powder -80°C 2 years
 -20°C 1 year
 * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
 LCMS: Consistent with structure
 Purity (LCMS): 99.82%
 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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