

CCP peptide (TFA)

Cat. No.: HY-P2171A
Batch No.: 141545
Chemical Name: ((4R,7S,13S,16S,19S,25S,28S,31S,34S,37S,40S,43R)-40-((1H-Imidazol-4-yl)methyl)-43-((S)-5-amino-2-((S)-2-amino-3-(1H-imidazol-4-yl)propanamido)-5-oxopentanamido)-37-(3-amino-3-oxopropyl)-34-(2-carboxyethyl)-7,13,19-tris(3-guanidinopropyl)-28-((R)-1-hydroxyethyl)-16,31-bis(hydroxymethyl)-6,9,12,15,18,21,24,27,30,33,36,39,42-tridecaoxo-25-(3-ureidopropyl)-1,2-dithia-5,8,11,14,17,20,23,26,29,32,35,38,41-tridecaazacyclotetracontane-4-carbonyl)glycyl-L-arginyl-L-serylglycyl-L-serine compound with 2,2,2-trifluoroacetic acid (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₈₉H₁₄₆N₄₁F₃O₃₄S₂
Molecular Weight: 2455.49
Storage: Sealed storage, away from moisture
Powder -80°C 2 years
 -20°C 1 years
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

HOCHDEST-(Cij)-GRSRGRCGRSOS(Disulfide bridge: Cys3-Cys16) (TFA salt)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
MS: Consistent with structure
Purity (HPLC): 96.04%
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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