

PKC β pseudosubstrate

Cat. No.: HY-P1286
CAS No.: 172308-76-8
Batch No.: 253102
Chemical Name: L-Lysine, L-cysteinyl-L-arginyl-L-glutaminy-L-isoleucyl-L-lysyl-L-isoleucyl-L-tryptophyl-L-phenylalanyl-L-glutaminy-L-asparaginy-L-arginyl-L-arginyl-L-methionyl-L-lysyl-L-tryptophyl-L-lysyl-, (1 \rightarrow 1')-disulfide with L-cysteinyl-L-arginyl-L-phenylalanyl-L-alanyl-L-arginyl-L-lysylglycyl-L-alanyl-L-leucyl-L-arginyl-L-glutaminy-L-lysyl-L-asparaginy-L-valine

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₇₇H₂₉₄N₆₂O₃₈S₃
Molecular Weight: 3994.82
Storage: Sealed storage, away from moisture and light, under nitrogen
Powder -80°C 2 years
-20°C 1 years
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

Chemical Structure:

Sequence 1:CRQIKIWFQNRMRMKWKK
Sequence 1':CRFARKGALRQKNV
(Disulfide bridge:Cys₁-Cys₁)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
MS: Consistent with structure
Purity (HPLC): 98.98%
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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