

Amylin, amide, human

Cat. No.: HY-P1070
CAS No.: 122384-88-7
Batch No.: 242820
Chemical Name: L-Tyrosinamide, L-lysyl-L-cysteinyl-L-asparaginyL-L-threonyl-L-alanyl-L-threonyl-L-cysteinyl-L-alanyl-L-threonyl-L-glutaminyL-L-arginyl-L-leucyl-L-alanyl-L-asparaginyL-L-phenylalanyl-L-leucyl-L-valyl-L-histidyl-L-seryl-L-seryl-L-asparaginyL-L-asparaginyL-L-phenylalanylglycyl-L-alanyl-L-iso-leucyl-L-leucyl-L-seryl-L-seryl-L-threonyl-L-asparaginyL-L-valylglycyl-L-seryl-L-asparaginyL-L-threonyl-, cyclic (2→7)-disulfide

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₆₅H₂₆₁N₅₁O₅₅S₂
Molecular Weight: 3903.28
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:

KONTATCATQRLANPLVHSDNFGALSSTNVGDNTY-NH₂ (Disulfide bridge: Cys₂-Cys₂)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
MS: Consistent with structure
Purity (HPLC): 98.46%
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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