

iRGD peptide

Cat. No.: HY-P0122
CAS No.: 1392278-76-0
Batch No.: 30183
Chemical Name: L-Cysteine, L-cysteinyl-L-arginylglycyl-L- α -aspartyl-L-lysylglycyl-L-prolyl-L- α -aspartyl-, cyclic (1 \rightarrow 9)-disulfide

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₃₅H₅₇N₁₃O₁₄S₂
Molecular Weight: 948.04
Storage: Protect from light
Powder -80°C 2 years
-20°C 1 years
* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

CRGDKGPDC (Disulfide bridge:Cys₁-Cys₉)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
Purity (HPLC): 99.03%
Nitrogen Content(N%): 11.68%
Carbon Content(C%): 36.34%
Hydrogen Content(H%): 6.132%
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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