

CART(55-102)(human)

Cat. No.: HY-P1304
CAS No.: 214050-22-3
Batch No.: 278154
Chemical Name: L-Leucine, L-valyl-L-prolyl-L-isoleucyl-L-tyrosyl-L- α -glutamyl-L-lysyl-L-lysyl-L-tyrosylglycyl-L-glutaminy-L-valyl-L-prolyl-L-methionyl-L-cysteinyl-L- α -aspartyl-L-alanylglycyl-L- α -glutamyl-L-glutaminy-L-cysteinyl-L-alanyl-L-valyl-L-arginyl-L-lysylglycyl-L-alanyl-L-arginyl-L-isoleucylglycyl-L-lysyl-L-leucyl-L-cysteinyl-L- α -aspartyl-L-cysteinyl-L-prolyl-L-arginylglycyl-L-threonyl-L-seryl-L-cysteinyl-L-asparaginy-L-seryl-L-phenylalanyl-L-leucyl-L-leucyl-L-lysyl-L-cysteinyl-, cyclic (14 \rightarrow 32), (20 \rightarrow 40), (34 \rightarrow 47)-tris(disulfide)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₂₂₅H₃₆₅N₆₅O₆₅S₇
Molecular Weight: 5245.16
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:

VPIYEKYYGGVPMCDAGEQCAVRKQARKKQLCDQPRGTSCHNSFLKGL
(Disulfide bridge: Cys14-Cys32, Cys20-Cys40, Cys34-Cys47)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
MS: Consistent with structure
Purity (HPLC): 98.54%
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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA