

CART(55-102)(rat)

Cat. No.: HY-P1305
CAS No.: 209615-79-2
Batch No.: 288812
Chemical Name: L-Leucine, L-isoleucyl-L-prolyl-L-isoleucyl-L-tyrosyl-L- α -glutamyl-L-lysyl-L-lysyl-L-tyrosylglycyl-L-glutamyl-L-valyl-L-prolyl-L-methionyl-L-cysteinyl-L- α -aspartyl-L-alanyl-L-tyrosyl-L- α -glutamyl-L-glutamyl-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-asparaganyl-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: $C_{226}H_{367}N_{65}O_{65}S_7$
Molecular Weight: 5259.18
Storage: Sealed storage, away from moisture and light, under nitrogen
Powder -80°C 2 years
-20°C 1 year
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

Chemical Structure:

IPYIEKYYGQVPMCDAGECCAVRKGARIGKLCQPRGTSQNSFLLKGL
(Disulfide bridge: Cys14-Cys32; Cys29-Cys40; Cys34-Cys47)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
LCMS: Consistent with structure
Purity (LCMS): 99.93%
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