

Margatoxin

Cat. No.: HY-P1280
 CAS No.: 145808-47-5
 Batch No.: 248478
 Chemical Name: L-Histidine, L-threonyl-L-isoleucyl-L-isoleucyl-L-asparaginyl-L-valyl-L-lysyl-L-cysteinyl-L-threon
 yl-L-seryl-L-prolyl-L-lysyl-L-glutamyl-L-cysteinyl-L-leucyl-L-prolyl-L-prolyl-L-cysteinyl-L-lysyl-L
 -alanyl-L-glutamyl-L-phenylalanylglycyl-L-glutamyl-L-seryl-L-alanylglycyl-L-alanyl-L-lysyl-L-
 cysteinyl-L-methionyl-L-asparaginylglycyl-L-lysyl-L-cysteinyl-L-lysyl-L-cysteinyl-L-tyrosyl-L-prol
 yl-, cyclic (7→29),(13→34),(17→36)-tris(disulfide)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{178}H_{286}N_{52}O_{50}S_7$
 Molecular Weight: 4178.95
 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:

TSWVCTSPNGCLPCKAQFGSADAGAKMKKCKCYHDSufile Image Cys1-Cys20 Cys13-Cys34 Cys17-Cys36

ANALYTICAL DATA

Appearance: White to off-white (Solid)
 MS: Consistent with structure
 Purity (HPLC): 98.67%
 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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