

Psalmotoxin 1

Cat. No.:	HY-P1411
CAS No.:	880107-52-8
Batch No.:	392247
Chemical Name:	L-Threonine, L- α -glutamyl-L- α -aspartyl-L-cysteinyl-L-isoleucyl-L-prolyl-L-lysyl-L-tryptophyl-L-ly sylglycyl-L-cysteinyl-L-valyl-L-asparaginyl-L-arginyl-L-histidylglycyl-L- α -aspartyl-L-cysteinyl-L-c ysteinyl-L- α -glutamylglycyl-L-leucyl-L- α -glutamyl-L-cysteinyl-L-tryptophyl-L-lysyl-L-arginyl-L-ar ginyl-L-arginyl-L-seryl-L-phenylalanyl-L- α -glutamyl-L-valyl-L-cysteinyl-L-valyl-L-prolyl-L-lysyl-L- threonyl-L-prolyl-L-lysyl-, cyclic (3 \rightarrow 18),(10 \rightarrow 23),(17 \rightarrow 33)-tris(disulfide)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₂₀₀ H ₃₁₂ N ₆₂ O ₅₇ S ₆
Molecular Weight:	4689.39
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:

EDCIPKWKGCVNRHGDCCEGLECWK
RRRSFEVCPKTPKT (Disulfide bridge:
Cys3-Cys18, Cys10-Cys23, Cys17-
Cys33)

ANALYTICAL DATA

Appearance:	White to off-white (Solid)
Purity:	≥99.0%
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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