

Iberiotoxin (TFA)

Cat. No.: HY-P0190A
Batch No.: 293697
Chemical Name: L-Glutamine, 5-oxo-L-prolyl-L-phenylalanyl-L-threonyl-L- α -aspartyl-L-valyl-L- α -aspartyl-L-cysteinyl-L-seryl-L-valyl-L-seryl-L-lysyl-L- α -glutamyl-L-cysteinyl-L-tryptophyl-L-seryl-L-valyl-L-cysteinyl-L-lysyl-L- α -aspartyl-L-leucyl-L-phenylalanylglycyl-L-valyl-L- α -aspartyl-L-arginylglycyl-L-lysyl-L-cysteinyl-L-methionylglycyl-L-lysyl-L-lysyl-L-cysteinyl-L-arginyl-L-cysteinyl-L-tyrosyl-, cyclic (7→28),(13→33),(17→35)-tris(disulfide) (TFA)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{179}H_{274}N_{50}O_{55}S_7 \cdot xC_2HF_3O_2$
Molecular Weight: 4230.85 (free base)
Storage: Sealed storage, away from moisture and light
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)

Chemical Structure:

(Seq)-FTDWDQSV/SKECW/SVKDLFVWDRGKMGKRCRCYQ
(Disulfide bridge: Cys7-Cys28, Cys13-Cys33, Cys17-Cys35) (TFA salt)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
MS: Consistent with structure
Purity (HPLC): 99.67%
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.

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