

Charybdotoxin (TFA)

Cat. No.: HY-P0191A
Batch No.: 91185
Chemical Name: Charybdotoxin, TFA

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{176}H_{277}N_{57}O_{55}S_7 \cdot C_2HF_3O_2$
Molecular Weight: 4409.91
Storage: Sealed storage, away from moisture and light
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)

Chemical Structure:

(Seq)-FTNVSCTTSKECVSVQRLNNTSRGKCMNKKRCYIS
(Disulfide bridge: Cys7-Cys28; Cys13-Cys33; Cys17-Cys35) (TFA salt)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
MS: Consistent with structure
Purity (HPLC): 96.64%
Peptide Content (%): 78.50%
Nitrogen Content(N%): 14.21%
Carbon Content(C%): 40.92%
Hydrogen Content(H%): 5.995%
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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