

## **Screening Libraries**

# **Proteins**

## **Certificate of Analysis**

## **Dendrotoxin K (TFA)**

Cat. No.: HY-P3089A Batch No.: 278663

**Chemical Name:** Dendrotoxin K (TFA)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{294}H_{462}N_{84}O_{75}S_6.XC_2HF_3OC_2$ 

6559.66 (free base) Molecular Weight:

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:** 

AAKYCKLPLRIGPCKRKIPSFYYKWKAKQCLPFDYSGCGGNANRFKTIEECRRTCVG (Disuffide bridge:Cys5-Cys55,Cys14-Cys38,Cys30-Cys51) (TFA salt)

**ANALYTICAL DATA** 

Appearance: White to off-white (Solid)

**Purity:** ≥98.0%

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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