

## Ssm spooky toxin TFA

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Ssm Spooky Toxin TFA, found in Scolopendra mutilans, effectively inhibits the KCNQ (voltage-gated potassium channel family 7) channels. Its IC50 values for Kv7.4, Kv1.3, and Shal channels are 2.8 $\mu$ M, 5.26 $\mu$ M, and 0.1-0.3 M, respectively. This toxin suppresses cytokine production by specifically targeting KV1.3 channels in T cells and plays a crucial role in the centipede's circulatory system.
Targets(IC50)	Potassium Channel

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