

Tamapin TFA

Chemical Properties

CAS No. :

Formula: C146H238N44O41S6.xC2HF3O2

Molecular Weight:

Keep away from moisture

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	Tamapin TFA, a venom peptide isolated from the Indian red scorpion (<i>Mesobuthus tamulus</i>) [1], selectively targets and blocks small conductance Ca(2+)-activated K(+) (SK) channels, particularly the SK2 subtype (Potassium Channel). It is known to inhibit SK channel-mediated currents in the hippocampal pyramidal neurons.
Targets(IC50)	Potassium Channel

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