

## SOR-C13 TFA

## Chemical Properties

CAS No. :

Formula: C74H117F3N20O21

Molecular Weight: 1679.84

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	SOR-C13 TFA, a truncated carboxy-terminal peptide, serves as a potent TRPV6 antagonist, demonstrating high affinity with an IC <sub>50</sub> value of 14 nM. TRPV6, a non-voltage-gated calcium channel linked to malignancy and poor prognosis in breast cancer, is effectively targeted by SOR-C13 TFA, indicating its anticancer activity [1].
Targets(IC <sub>50</sub> )	TRP/TRPV Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5953 mL	2.9765 mL	5.9529 mL
5 mM	0.1191 mL	0.5953 mL	1.1906 mL
10 mM	0.0595 mL	0.2976 mL	0.5953 mL
50 mM	0.0119 mL	0.0595 mL	0.1191 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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