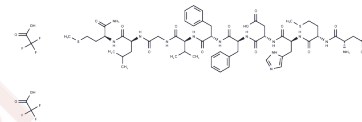


## Neurokinin B (TFA)

## Chemical Properties

CAS No. :	101536-55-4
Formula:	C59H81F6N13O18S2
Molecular Weight:	1438.47
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Neurokinin B (TFA), a member of the tachykinin family, binds to a series of GPCRs, including neurokinin receptors 1 (NK1R), NK2R, and NK3R, to modulate their biological effects.
Targets(IC50)	Neurokinin receptor

## Solubility Information

Solubility	DMSO: 33.33 mg/mL (23.17 mM) H2O: Soluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6952 mL	3.4759 mL	6.9518 mL
5 mM	0.139 mL	0.6952 mL	1.3904 mL
10 mM	0.0695 mL	0.3476 mL	0.6952 mL
50 mM	0.0139 mL	0.0695 mL	0.139 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.

## Reference

Navarro VM. Interactions between kisspeptins and neurokinin B. Adv Exp Med Biol. 2013;784:325-47.

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