

## Neuropeptide S (human) (TFA)

## Chemical Properties

CAS No. :

Formula: C<sub>95</sub>H<sub>156</sub>N<sub>31</sub>F<sub>30</sub>O<sub>30</sub>S

Molecular Weight: 2301.52

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	Neuropeptide S human (TFA) is a potent endogenous neuropeptide S receptor agonist (EC <sub>50</sub> =9.4 nM).
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4345 mL	2.1725 mL	4.345 mL
5 mM	0.0869 mL	0.4345 mL	0.869 mL
10 mM	0.0434 mL	0.2172 mL	0.4345 mL
50 mM	0.0087 mL	0.0434 mL	0.0869 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

Xu YL, et al. Neuropeptide S: a neuropeptide promoting arousal and anxiolytic-like effects. *Neuron*. 2004 Aug 19; 43(4):487-97.

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