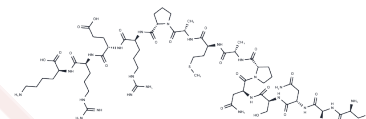


## Somatostatin-28 (1-14)

## Chemical Properties

CAS No. :	79243-10-0
Formula:	C <sub>61</sub> H <sub>105</sub> N <sub>23</sub> O <sub>21</sub> S
Molecular Weight:	1528.71
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	Somatostatin-28 (1-14) is an N-terminal fragment of the neuropeptide somatostatin-28, which originates from the posttranslational cleavage of prosomatostatin, derived from the larger precursor preprosomatostatin.
Targets(IC50)	Somatostatin

## Solubility Information

Solubility	H <sub>2</sub> O: Soluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6541 mL	3.2707 mL	6.5415 mL
5 mM	0.1308 mL	0.6541 mL	1.3083 mL
10 mM	0.0654 mL	0.3271 mL	0.6541 mL
50 mM	0.0131 mL	0.0654 mL	0.1308 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

Goodman RH, et al. Rat pre-prosomatostatin. Structure and processing by microsomal membranes. J Biol Chem. 1983 May 10;258(9):5570-3.

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