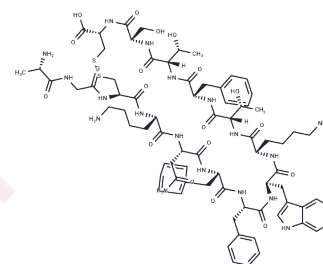


## (D-Trp8,D-Cys14)-Somatostatin-14

## Chemical Properties

CAS No. :	61950-59-2
Formula:	C76H104N18O19S2
Molecular Weight:	1637.88
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	(D-Trp8,D-Cys14)-Somatostatin-14, a synthetic analogue of somatostatin, is used in the research of metabolic-related diseases [1] [2].
Targets(IC50)	Somatostatin
In vivo	'(D-Trp8,D-Cys14)-Somatostatin-14 (12 µg/100g; i.p.) does not affect carbohydrate absorption in the intestinal tract of hamsters but inhibits brush border lactase activity in female animals [2].'

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6105 mL	3.0527 mL	6.1055 mL
5 mM	0.1221 mL	0.6105 mL	1.2211 mL
10 mM	0.0611 mL	0.3053 mL	0.6105 mL
50 mM	0.0122 mL	0.0611 mL	0.1221 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.

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