

## Tyr-Somatostatin-14

<b>Cat. No.:</b>	HY-P1600	
<b>CAS No.:</b>	58100-03-1	
<b>Molecular Formula:</b>	C <sub>85</sub> H <sub>113</sub> N <sub>19</sub> O <sub>21</sub> S <sub>2</sub>	
<b>Molecular Weight:</b>	1801.05	YAGCKNFFWKTFTSC (Disulfide bridge: Cys <sub>4</sub> -Cys <sub>15</sub> )
<b>Sequence:</b>	Tyr-Ala-Gly-Cys-Lys-Asn-Phe-Phe-Trp-Lys-Thr-Phe-Thr-Ser-Cys (Disulfide bridge: Cys4-Cys15)	
<b>Sequence Shortening:</b>	YAGCKNFFWKTFTSC (Disulfide bridge: Cys4-Cys15)	
<b>Target:</b>	Others	
<b>Pathway:</b>	Others	
<b>Storage:</b>	Stored under nitrogen, away from moisture	
	Powder	-80°C 2 years
		-20°C 1 year
	* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)	

### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 100 mg/mL (55.52 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	0.5552 mL	2.7762 mL	5.5523 mL
	5 mM	0.1110 mL	0.5552 mL	1.1105 mL
	10 mM	0.0555 mL	0.2776 mL	0.5552 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Tyr-Somatostatin-14 is a customized peptide that adds a Tyrosine amino acid to Somatostatin-14.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA