

Data Sheet

Product Name:	Cyclic somatostatin	
Cat. No.:	CS-5743	
CAS No.:	38916-34-6	
Molecular Formula:	C76H104N18O19S2	
Molecular Weight:	1637.88	AGCKNFFWKFTTSC(Disulfide bridge: Cys3-Cys14)
Target:	Others	
Pathway:	Others	
Solubility:	H2O : 71.3 mg/mL (43.53 mM; Need ultrasonic and warming); DMF : 100 mg/mL (61.05 mM; Need ultrasonic)	

BIOLOGICAL ACTIVITY:

Cyclic somatostatin is a growth hormone-release inhibiting factor used in the treatment of severe, acute hemorrhages of gastroduodenal ulcers. Sequence: H-Ala-Gly-Cys-Lys-Asn-Phe-Phe-Trp-Lys-Thr-Phe-Thr-Ser-Cys-OH (Disulfide bridge: Cys3-Cys14).

CAIndexNames:

H-Ala-Gly-Cys-Lys-Asn-Phe-Phe-Trp-Lys-Thr-Phe-Thr-Ser-Cys-OH (Disulfide bond)

SMILES:

[AGCKNFFWKFTTSC(Disulfide bridge: Cys3-Cys14)]

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

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