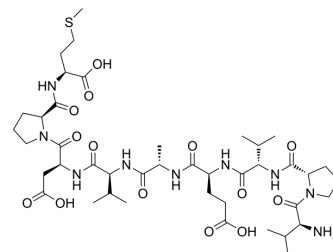


## Cholecystokinin Precursor (24-32) (rat)

**Cat. No.:** HY-P2636  
**CAS No.:** 99291-20-0  
**Molecular Formula:** C<sub>42</sub>H<sub>69</sub>N<sub>9</sub>O<sub>14</sub>S  
**Molecular Weight:** 956.11  
**Sequence Shortening:** VPVEAVDPM  
**Target:** Others  
**Pathway:** Others  
**Storage:** Sealed storage, away from moisture  
 Powder -80°C 2 years  
 -20°C 1 year



\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (104.59 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.0459 mL	5.2295 mL	10.4590 mL
	5 mM		0.2092 mL	1.0459 mL	2.0918 mL
	10 mM		0.1046 mL	0.5230 mL	1.0459 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Cholecystokinin Precursor (24-32) (rat) is a cholecystokinin precursor that can be expressed in the heart, lungs, and kidneys as well as in the gastrointestinal tract and brain. Cholecystokinin is a brain-gut peptide that stimulates gallbladder contraction and pancreatic exocrine secretion and also acts as a neurotransmitter<sup>[1]</sup>.

### REFERENCES

[1]. A Funakoshi, et al. Expression of the cholecystokinin precursor gene in rat tissues. J Gastroenterol. 1994 Apr;29(2):125-8.

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

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