



## Product Information

Product ID S7871

CAS No. 352020-03-2

**Chemical Name**

**Synonym**

Formula  $C_{195}H_{326}N_{56}O_{53}S_2$

Formula Wt. 4367.24

**Melting Point**

Purity  $\geq 95\%$

Solubility Soluble in water.

Store Temp  $-20^{\circ}C$

Ship Temp Ambient

**Description** Stresscopin is a 2-amino acid peptide extension of urocortin III that includes a preceding T-K tag. Like urocortin III, stresscopin is a member of the corticotropin-releasing factor (CRF) family that binds to the CRF type 2 receptor (CRFR2). Stresscopin signaling results in suppression of food intake, delay of gastric emptying, hypotension/hypertension (depending on the model), and tachycardia.

H-Thr-Lys-Phe-Thr-Leu-Ser-Leu-Asp-Val-Pro-Thr-Asn-Ile-Met-Asn-Leu-Leu-Phe-Asn-Ile-Ala-Lys-Ala-Lys-Asn-Leu-Arg-Ala-Gln-Ala-Ala-Ala-Asn-Ala-His-Leu-Met-Ala-Gln-Ile-NH<sub>2</sub>

## Pricing and Availability

*Bulk quantities available upon request*

Product ID	Size	List Price
S7871	0.5 mg	\$258.30
S7871	1 mg	\$475.70
S7871	2.5 mg	\$869.50

**References** Jin R, Li MZ, Bing YH, et al. Intracerebroventricular injection of stresscopin-related peptide enhances cardiovascular function in conscious rats. *Regul Pept.* 2013 Sep 10;186:7-11. PMID: 23850799.

Bagosi Z, Csabafi K, Palotai M, et al. The interaction of Urocortin II and Urocortin III with amygdalar and hypothalamic corticotropin-releasing factor (CRF)--reflections on the regulation of the hypothalamic-pituitary-adrenal (HPA) axis. *Neuropeptides.* 2013 Oct;47(5):333-8. PMID: 23932308.

Takahashi K, Totsune K, Murakami O, et al. Urocortins as cardiovascular peptides. *Peptides.* 2004 Oct;25(10):1723-31. PMID: 15476939.

Suda T, Kageyama K, Sakihara S, et al. Physiological roles of urocortins, human homologues of fish urotensin I, and their receptors. *Peptides.* 2004 Oct;25(10):1689-701. PMID: 15476936.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.