



## Product Information

**Product ID** C7602

**CAS No.** 103429-32-9

**Chemical Name**

**Synonym** Connective tissue-activating peptide.

**Formula** C<sub>51</sub>H<sub>67</sub>N<sub>13</sub>O<sub>11</sub>S

**Formula Wt.** 1102.33

**Melting Point**

**Purity** ≥95%

**Solubility** Soluble in water (1 mg/mL).

**Store Temp** -20°C

**Ship Temp** Ambient

**Description** CTAP is an antagonist at  $\mu$ -opioid receptors ( $\mu$ ORs) that exhibits neuromodulatory activity. CTAP prevents reinstatement of drug seeking in animal models of ethanol addiction. CTAP also prevents opioid-induced decreases in inflammatory cytokine release in animal models of intestinal ischemia/reperfusion. Additionally, CTAP inhibits opioid-induced analgesia in animal models of colorectal distension. TEST!!!!!!

H-D-Phe-Cys-Tyr-D-Trp-Arg-  
Thr-Pen-Thr-NH<sub>2</sub>  
(Disulfide bridge Cys2-Pen7)

## Pricing and Availability

**Bulk quantities available upon request**

Product ID	Size	List Price
C7602	0.5 mg	\$138.60
C7602	1 mg	\$236.30
C7602	2.5 mg	\$415.90

**References** Perry CJ, McNally GP. A role for the ventral pallidum in context-induced and primed reinstatement of alcohol seeking. *Eur J Neurosci.* 2013 Sep;38(5):2762-73. PMID: 23773238.

Saccani F, Anselmi L, Jaramillo I, et al. Protective role of  $\mu$  opioid receptor activation in intestinal inflammation induced by mesenteric ischemia/reperfusion in mice. *J Neurosci Res.* 2012 Nov;90(11):2146-53. PMID: 22806643.

Distrutti E, Cipriani S, Renga B, et al. Hydrogen sulphide induces micro opioid receptor-dependent analgesia in a rodent model of visceral pain. *Mol Pain.* 2010 Jun 11;6:36. PMID: 20540729.

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