



Product Information

Product ID C7602

CAS No. 103429-32-9

Chemical Name

Synonym Connective tissue-activating peptide.

Formula C₅₁H₆₇N₁₃O₁₁S

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 μ -opioid receptors (μ 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.

H-D-Phe-Cys-Tyr-D-Trp-Arg-
Thr-Pen-Thr-NH₂
(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 μ 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.