



## Product Information

**Product ID** K0172

**CAS No.** 63968-82-1

**Chemical Name** L-alpha-Aspartyl-L-valyl-L-protyl-L-lysyl-L-seryl-L-alpha-aspartyl-L-glutaminy-L-phenylalanyl-L-valylglycyl-L-leucyl-L-Methioninamide

**Synonym**

**Formula** C<sub>59</sub>H<sub>95</sub>N<sub>15</sub>O<sub>18</sub>S

**Formula Wt.** 1334.6

**Melting Point**

**Purity** ≥95%

**Solubility** Soluble in water, 1% ammonia.

**Store Temp** -20° C

**Ship Temp** Ambient

**Description** Kassinin is a tachykinin neuropeptide originally found in amphibian skin; it binds neurokinin 2 (NK2) receptors and displays gastrointestinal motility modulating activity. Kassinin stimulates ion transport across skin membranes. Kassinin also induces contractions in bladder muscle and inhibits both gastric acid secretion and gastric emptying.

Asp-Val-Pro-Lys-Ser-Asp-Gln-Phe-Val-Gly-Leu-Met-NH<sub>2</sub>

**Bulk quantities available upon request**

Product ID	Size
K0172	1 mg
K0172	2 mg
K0172	5 mg

**References** Lippe C, Bellantuono V, Ardizzone C, et al. Eledoisin and Kassinin, but not Enterokassinin, stimulate ion transport in frog skin. *Peptides*. 2004 Nov;25(11):1971-5. PMID: 15501529.

Bolle P, Severini C, Falconieri-Erspamer G, et al. Effects of natural tachykinins on porcine lower urinary tract smooth muscle. *J Auton Pharmacol*. 2000 Jun;20(3):157-61. PMID: 11193004.

Improta G, Broccardo M. Tachykinins: effects on gastric secretion and emptying in rats. *Pharmacol Res*. 1990 Sep-Oct;22(5):605-10. PMID: 2177557.

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