

# Kassinin

**Catalog No: tcsc7097**



## Available Sizes

**Size:** 1mg

**Size:** 5mg

**Size:** 10mg

**Size:** 25mg



## Specifications

**CAS No:**

63968-82-1

**Formula:**

$C_{59}H_{95}N_{15}O_{18}S$

**Pathway:**

Neuronal Signaling;GPCR/G Protein

**Target:**

Neurokinin Receptor;Neurokinin Receptor

**Purity / Grade:**

>98%

**Solubility:**

10 mM in H<sub>2</sub>O

**Observed Molecular Weight:**

1334.54

## Product Description

Kassinin is a peptide derived from the Kassina frog. It belongs to tachykinin family of neuropeptides. It is secreted as a defense

response, and is involved in neuropeptide signalling.

***In Vitro:*** Amino acid composition and sequence of Kassinin, a tachykinin dodecapeptide from the skin of the African frog *Kassina senegalensis*. Methanol extracts of the skin of the African amphibian *Kassina senegalensis* contain a dodecapeptide, Kassinin, belonging to the family of tachykinins or physalaemin-like peptides. Kassinin, like all other natural tachykinins, possesses the characteristic C-terminal tripeptide Gly-Leu-Met-NH<sub>2</sub> and a phenylalanine residue in position 5 from the C-terminus. The amino acid sequence in the N-moiety of the molecule differs sharply from that of the other tachykinins<sup>[1]</sup>.

DVPKSDQFVGLM-NH<sub>2</sub>

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!