



Product Information

Product ID K0144

CAS No. 97145-43-2

Chemical Name

Synonym KKI 5, Ac-PFRSVQ-NH₂

Formula C₃₅H₅₅N₁₁O₉

Formula Wt. 773.9

Melting Point

Purity ≥95%

Solubility Soluble in DMSO.

Store Temp -20°C

Ship Temp Ambient

Description Kallikrein inhibitor is a serine protease inhibitor that inhibits kallikrein and plasmin. Kallikrein inhibitor may exhibit anticancer chemotherapeutic benefit and may also be used as a treatment for angioedema. In various cancer cell lines, kallikrein inhibitor alters membrane potential and increases intracellular Ca²⁺, inhibiting cell proliferation.

Ac-Pro-Phe-Arg-Ser-Val-Gln-NH₂

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
K0144	1 mg	\$63.00
K0144	2 mg	\$107.00
K0144	5 mg	\$189.00

References Bilgin M, Burgazli KM, Rafiq A, et al. Effect of bauhinia bauhinioides kallikrein inhibitor on endothelial proliferation and intracellular calcium concentration. *Eur Rev Med Pharmacol Sci*. 2014 Jan;18(1):46-51. PMID: 24452941.

Nakahata AM, Mayer B, Neth P, et al. Blocking the proliferation of human tumor cell lines by peptidase inhibitors from Bauhinia seeds. *Planta Med*. 2013 Mar;79(3-4):227-35. PMID: 23345168.

Levy JH, O'Donnell PS. The therapeutic potential of a kallikrein inhibitor for treating hereditary angioedema. *Expert Opin Investig Drugs*. 2006 Sep;15(9):1077-90. PMID: 16916274.

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