



Product Information

Product ID A5273
CAS No.
Chemical Name

Synonym ACE inhibitor peptide

Formula C₅₃H₇₇N₁₄O₁₂
Formula Wt. 1102.29
Melting Point
Purity ≥95%
Solubility Soluble in water.

H-pGlu-Trp-Pro-Arg-Pro-Gln-Ile-Pro-Pro-OH

Bulk quantities available upon request

Product ID	Size
A5273	5 mg
A5273	10 mg
A5273	25 mg

Store Temp -20° C
Ship Temp Ambient

Description This peptide is also known as bradykinin-potentiating peptide 9a; it exhibits vasodilatory and antihypertensive activity. This peptide inhibits angiotensin-converting enzyme (ACE) in vivo, decreasing blood pressure. This peptide also inhibits hydrolysis of bradykinin and inactivation of leutinizing hormone-releasing hormone (LHRH).

References Martins AR, Caldo H, Coelho HL, et al. Screening for rabbit brain neuropeptide-metabolizing peptidases. Inhibition of endopeptidase B by bradykinin potentiating peptide 9a (SQ 20881). J Neurochem. 1980 Jan;34(1):100-7. PMID: 6161209.

Oparil S, Koerner T, O'Donoghue JK. Mechanism of angiotensin I converting enzyme inhibition by SQ20,881 (less than Glu-Trp-Pro-Arg-Pro-Gln-Ile-Pro-Pro) in vivo. Further evidence for extrapulmonary conversion. Hypertension. 1979 Jan-Feb;1(1):13-22. PMID: 232489.

Vollmer RR, Boccagno JA, Harris DN, et al. Hypotension induced by inhibition of angiotensin-converting enzyme in pentobarbital-anesthetized dogs. Eur J Pharmacol. 1978 Sep 1;51(1):39-45. PMID: 212276.

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