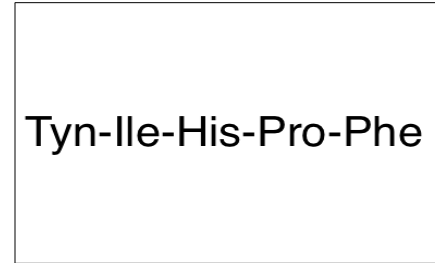




LKT Laboratories, Inc.
Angiotensin II (4-8), human

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lktlabs.com
Web: lktlabs.com

Product Information



Bulk quantities available upon request

Product ID	Size
A5281	5 mg
A5281	10 mg
A5281	25 mg

Product ID A5281
CAS No.
Chemical Name

Synonym

Formula $C_{35}H_{45}N_7O_7$
Formula Wt. 675.79
Melting Point
Purity $\geq 95\%$
Solubility Soluble in water.

Store Temp $-20^{\circ}C$
Ship Temp Ambient

Description Angiotensin II (AT II) is a peptide produced from AT I by angiotensin-converting-enzyme (ACE). AT II binds the AT II type 1 (AT1) receptor, stimulating GPCRs in vascular smooth muscle cells and increasing intracellular Ca^{2+} levels; this results in contraction and vasoconstriction, increasing blood pressure. AT II also acts at the Na^{+}/H^{+} exchanger in the proximal tubules of the kidney. Here, AT II increases reabsorption of Na^{+} and HCO_3^{-} and excretion of H^{+} , increasing blood volume and pH and further increasing blood pressure.

References

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