



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

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Product Information

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°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 $\text{Na}^{+}/\text{H}^{+}$ 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.

Tyn-Ile-His-Pro-Phe

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
A5281	5 mg	\$63.00
A5281	10 mg	\$107.00
A5281	25 mg	\$189.00

References

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