



LKT Laboratories, Inc.

Corticosterone

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Product Information

Product ID C5771
CAS No. 50-22-6
Chemical Name (11 β)-11,21-Dihydroxypregn-4-ene-3,20-dione

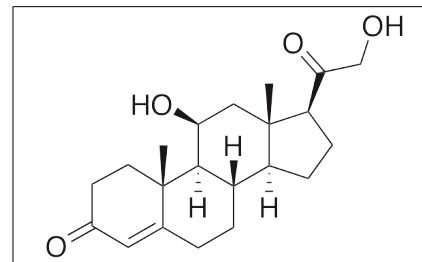
Synonym Kendall's compound B, Reichstein's substance H, Compound B

Formula C₂₁H₃₀O₄
Formula Wt. 346.46
Melting Point 180-182 °C
Purity ≥98%
Solubility Insoluble in water. Soluble in organic solvents.

Store Temp Ambient

Ship Temp Ambient

Description Corticosterone is an endogenous steroid hormone that activates mineralocorticoid and glucocorticoid receptors. Corticosterone is involved in immune responses, stress responses, and energy homeostasis. Corticosterone is an intermediate in the aldosterone production pathway.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
C5771	100 mg	\$48.50
C5771	250 mg	\$71.50
C5771	500 mg	\$122.70

References Angelier F, Wingfield JC. Importance of the glucocorticoid stress response in a changing world: theory, hypotheses and perspectives. *Gen Comp Endocrinol.* 2013 Sep 1;190:118-28. PMID: 23770214.

Silverman MN, Sternberg EM. Glucocorticoid regulation of inflammation and its functional correlates: from HPA axis to glucocorticoid receptor dysfunction. *Ann N Y Acad Sci.* 2012 Jul;1261:55-63. PMID: 22823394.

Williams GH. Aldosterone biosynthesis, regulation, and classical mechanism of action. *Heart Fail Rev.* 2005 Jan;10(1):7-13. PMID: 15947886.

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