



LKT Laboratories, Inc.

Clobetasol Propionate

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

Product Information

Product ID C4659

CAS No. 25122-46-7

Chemical Name (11B, 16B)-21-Chloro-9-fluoro-11,17-dihydroxy-16-methylpregna-1,4-diene-3,20-dione

Synonym Clobesol, Dermoval, Dermovate, Dermoxin, Temovate

Formula C₂₅H₃₂ClFO₅

Formula Wt. 466.98

Melting Point 195.5-197°C

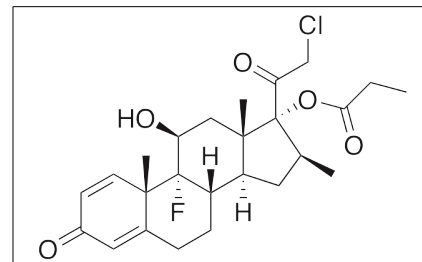
Purity ≥98%

Solubility Soluble in acetone or methylene dichloride.

Store Temp 4°C

Ship Temp Ambient

Description Clobetasol is a corticosteroid that activates glucocorticoid receptors and exhibits anti-inflammatory and immunosuppressive activities. Clobetasol is clinically used to treat eczema, psoriasis, contact dermatitis, and several autoimmune diseases. Clobetasol inhibits TNF-α and CD40L-induced activation of NF-κB in vitro.



Bulk quantities available upon request

Product ID	Size
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C4659	100 mg
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C4659	500 mg
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C4659	1 g
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References Cechin SR, Buchwald P. Effects of representative glucocorticoids on TNFα- and CD40L-induced NF-κB activation in sensor cells. *Steroids*. 2014 Jul;85:36-43. PMID: 24747770.

Lenane P, Macarthur C, Parkin PC, et al. Clobetasol propionate, 0.05%, vs hydrocortisone, 1%, for alopecia areata in children: a randomized clinical trial. *JAMA Dermatol*. 2014 Jan;150(1):47-50. PMID: 24226568.

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