



LKT Laboratories, Inc.

Betamethasone

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

Product Information

Product ID B1876

CAS No. 378-44-9

Chemical Name (11B,16B)-9-Fluoro-11,17,21-trihydroxy-16-methylpregna-1,4-diene-3,20-dione

Synonym Becort, Betnelan, Celestene, Dermabet, Diprolene, Visubeta

Formula C₂₂H₂₉FO₅

Formula Wt. 392.46

Melting Point 231-234°C (dec.)

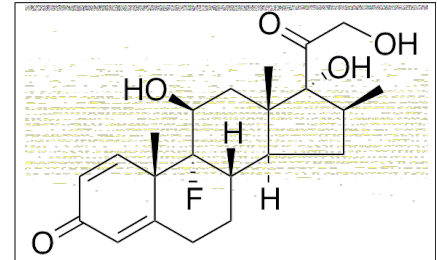
Purity ≥98%

Solubility Insoluble in water, ethanol
(15 mg/mL).

Store Temp 4°C

Ship Temp Ambient

Description Betamethasone is a glucocorticoid receptor agonist that exhibits anti-inflammatory, immunosuppressive, and anti-ulcerative activities. Betamethasone is clinically used to treat skin irritations such as psoriasis and to accelerate preterm fetal lung development.



Bulk quantities available upon request

Product ID	Size
B1876	25 mg
B1876	100 mg
B1876	500 mg

References Shepherd J, Taheri A, Feldman SR. Once-daily topical treatment for psoriasis: calcipotriene + betamethasone two-compound topical formulation. *Clin Cosmet Investig Dermatol.* 2013 Dec 19;7:19-22. PMID: 24379688.

Waffarn F, Davis EP. Effects of antenatal corticosteroids on the hypothalamic-pituitary-adrenocortical axis of the fetus and newborn: experimental findings and clinical considerations. *Am J Obstet Gynecol.* 2012 Dec;207(6):446-54. PMID: 22840973.

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