



LKT Laboratories, Inc.

Triamcinolone Acetonide Acetate

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Product Information

Product ID T7044

CAS No. 3870-07-3

Chemical Name (11B,16 α)-9-Fluoro-11,12-dihydroxy-16,17-[1-methylethylidenebis-(oxy)]pregna-1,4-diene-3,20-dione 21-acetate.

Synonym Triamcinolone acetonide 21-acetate

Formula C₂₆H₃₃FO₇

Formula Wt. 476.53

Melting Point 268-270°C

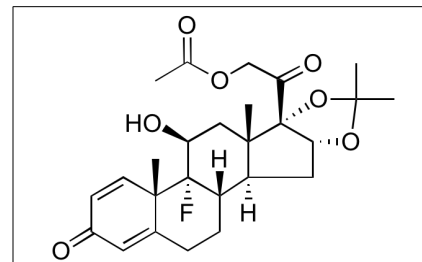
Purity ≥97%

Solubility Sparingly soluble in ethanol, acetone.

Store Temp Ambient

Ship Temp Ambient

Description Triamcinolone is a glucocorticoid/steroid that downregulates expression of VEGF and exhibits anti-inflammatory and anti-angiogenic activities. Triamcinolone is clinically used to treat retinal edema and other ocular pathologies and may cause ocular hypertension.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
T7044	50 mg	\$43.30
T7044	250 mg	\$116.00
T7044	1 g	\$314.30
T7044	5 g	\$875.00

References Zhou H, Yang L, Li H, et al. Downregulation of VEGF mRNA expression by triamcinolone acetonide acetate-loaded chitosan derivative nanoparticles in human retinal pigment epithelial cells. *Int J Nanomedicine*. 2012;7:4649-60. PMID: 22942646.

McAllister IL, Vijayasekaran S, Chen SD, et al. Effect of triamcinolone acetonide on vascular endothelial growth factor and occludin levels in branch retinal vein occlusion. *Am J Ophthalmol*. 2009 May;147(5):838-46, 846.e1-2. PMID: 19211093.

Mizuno D, Matsubara A, Ogura Y. Effect of posterior sub-tenon administration of triamcinolone acetonide on leukocyte dynamics in rat retinal microcirculation after panretinal photocoagulation. *Invest Ophthalmol Vis Sci*. 2008 May;49(5):2127-33. PMID: 18436845.

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