



LKT Laboratories, Inc.

Minoxidil

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Product Information

Product ID M3453

CAS No. 38304-91-5

Chemical Name 6-(1-Piperidiny)-2,4-pyrimidinediamine 3-oxide

Synonym Alopexil, Loniten, Minoximen, Normoxidil, Regaine, Rogaine
Tricoxidil

Formula C₉H₁₅N₅O

Formula Wt. 209.25

Melting Point 248° C ° r 259-261° C(dec.)

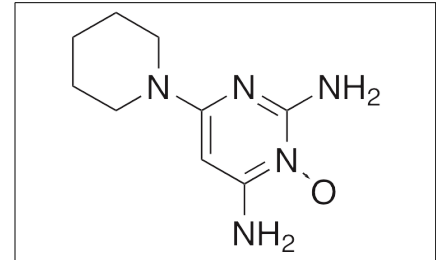
Purity ≥98%

Solubility Soluble in propylene glycol,
methanol or ethanol.
Slightly soluble in water.

Store Temp Ambient

Ship Temp Ambient

Description Minoxidil is an NO agonist/donor that exhibits vasodilatory and antihypertensive activities; minoxidil is clinically used to treat hair loss, as its activity allows increased blood and nutrient flow to hair follicles. Minoxidil also binds the androgen receptor and inhibits androgen receptor-related functions.



Bulk quantities available upon request

Product ID	Size
M3453	100 mg
M3453	500 mg
M3453	1 g

References Hsu CL, Liu JS, Lin AC, et al. Minoxidil may suppress androgen receptor-related functions. *Oncotarget*. 2014 Apr 30;5(8):2187-97. PMID: 24742982.

Rossi A, Cantisani C, Melis L, et al. Minoxidil use in dermatology, side effects and recent patents. *Recent Pat Inflamm Allergy Drug Discov*. 2012 May;6(2):130-6. PMID: 22409453.

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