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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Minoxidil

K⁺ channel activator
Catalog No. SIH-318



Discovery through partnership | Excellence through quality

Overview

Product Name

Minoxidil

Description

K⁺ channel activator

Purity

>98%

CAS No.

38304-91-5

Molecular Formula

C₁₁H₁₆N₂O

Molecular Weight

209.25

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Activator

Solubility

Soluble to 25 mM in ethanol and to 25 mM in DMSO

Source

Synthetic

Appearance

White solid

SMILES

C1CCN(CC1)C2=NC(=[N+](C(=C2)N)[O-])N

InChI

InChI=1S/C9H15N5O/c10-7-6-8(12-9(11)14(7)15)13-4-2-1-3-5-13/h6,11,15H,1-5,10H2

InChIKey

ZIMGGGWCDYVHOY-UHFFFAOYSA-N

Safety Phrases

Classification: Harmful. May be harmful if inhaled, swallowed, or absorbed through the skin.

Safety Phrases:

S22 - Do not breathe dust

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

S24/25- Avoid contact with skin and eyes

Risk Phrases:

R62 - Possible risk of impaired fertility

Hazard Phrases:

H302-H315-H319-H335

Precautionary Phrases:

P261-P305 + P351 + P338

Cite This Product

Minoxidil (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-318)

Biological Description

Alternative Names

3-hydroxy-2-imino-6-piperidin-1-ylpyrimidin-4-amine

Research Areas

Ion Channels, Neuroscience

PubChem ID

4201

Scientific Background

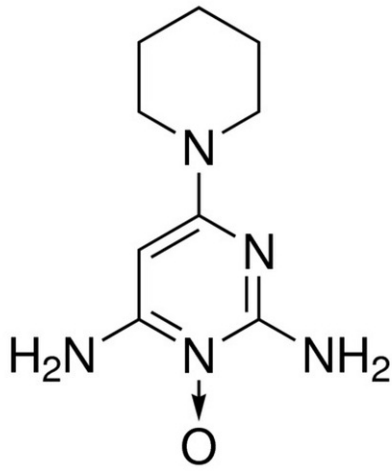
Minoxidil is an anti-hypertensive vasodilator, causing the widening of blood vessels and opening potassium channels (1). It also claims to slow hair loss, most likely having something to do with its nitric oxide chemical moiety (2).

References

1. www.medicinenet.com/minoxidiloral/article.htm
 2. Olsen E.A., et al. (2007) J Am Acad Dermatol. 57(5): 767.
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Product Images

Chemical structure of Minoxidil (SIH-318), a KATP channel opener. CAS #: 38304-91-5. Molecular Formula: C₉H₁₅N₅O. Molecular Weight: 209.25 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.