

COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED

CIN: U21009KA2023PTC179006

Registered address: FFK Towers, #445, 2nd & 3rd Floor, 17th Cross Road,
Sector 4, HSR Layout, Bangalore, Bangalore South, Karnataka - 560102, India.

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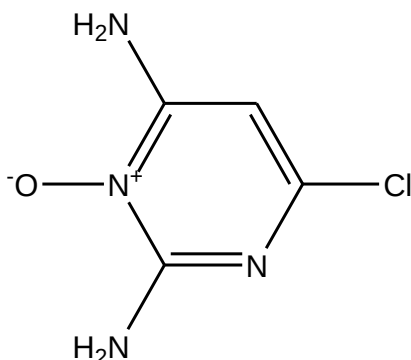
TECHNICAL DATA SHEET N-OXIDE

Product Name: N-Oxide

Product Code: DAP

Properties:

Structure:



Chemical Name: 2,4-Diamino-6-chloropyrimidine3-oxide

CAS No.: 35139-67-4

Chemical Formula: C₄H₅ClN₄O

Molecular Weight: 160.56 g/mol

Corresponding API: Minoxidil

Physical Properties:

Test parameter	Specifications
Appearance	Pale yellow crystalline powder.
Identification by HPLC	The retention time of sample should match with the retention time of standard obtained in the Purity by HPLC.
Water content by KF	Not more than 1.0 %
Sulphated Ash	Not more than 0.2 %

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Test parameter	Specifications
Chromatographic Purity by HPLC (%Area)	
Purity	Not less than 92.0 %
Impurity at about RRT 0.6	Not more than 1.0%
Impurity at about RRT 0.8	Not more than 1.0%
Impurity at about RRT 0.9	Not more than 2.0%
2,4-Diamino-6-chloropyrimidine at about RRT 1.3	Not more than 5.0%
Impurity at about RRT 1.5	Not more than 1.0%
Any individual unknown	Not more than 0.1%
Total impurities	Not more than 8.0%

Application

2,4-Diamino-6-chloropyrimidine3-oxide corresponding API is Minoxidil and it is used to stimulate hair growth and to slow balding. It is most effective for people under 40 years of age whose hair loss is recent. Minoxidil has no effect on receding hairlines.

Packaging

25kgs/drum

Storage

Store in a well closed containers. The re-test period of 2,4-Diamino-6-chloropyrimidine3-oxide is six months.

HSCode

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