

BETA NAPHTOL



Cas Number: 135-19-3

Other Names: 2-Naphthol, naphthalen-2-ol,
Isonaphthol, 2-Hydroxynaphthalene

Formula: C₁₀H₈O

PRODUCT INTRODUCTION

Beta Naphtol (2-Naphthol) is a colorless crystalline solid and an isomer of 1-naphthol, differing by the location of the hydroxyl group on naphthalene. The naphthols are naphthalene homologues of phenol, with the hydroxyl group being more reactive than in the phenols. It is soluble in alcohol, ethers and chloroform.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Gray Flake or Uniform Powder. It is allowed to become dark yellow or dark red when in storage.
Assay	99.4 %
Melting Point	120.5 °C

APPLICATIONS

- The principal uses for 2-naphthalenol are in the dyes and pigments industries, eg, as a coupling component for azo dyes, and to make important intermediates, such as 3-hydroxy-2-naphthalenecarboxylic acid (BON) and its anilide (naphthol AS), 2-naphtholsulfonic acids, aminonaphtholsulfonic acids, and 1-nitroso-2-naphthol.
 - It is used to make medicines, specifically the antifungal tolnaftate, naproxen and nafcillin.
 - Beta Naphtol is also used in lubrication of steam turbines, electric motors, hydraulic equipment and instruments.
 - Beta Naphtol also has medical uses as a counterirritant in alopecia, as an anthelmintic, and as an antiseptic in treatment of scabies.
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PACKAGING OPTIONS

Drums

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