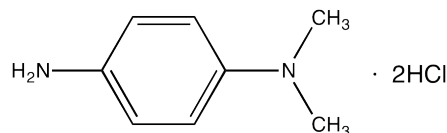


N,N-Dimethyl-p-phenylenediamine dihydrochloride, for microbiology, according to Gordon & McLeod

Identification

$C_8H_{12}N_2 \cdot 2HCl$
 M = 209,12 g/mol
 CAS [536-46-9]
 EC number: 208-635-7
 Taric code: 2921 51 90



Synonyms

4-Amino-N,N-dimethylaniline dihydrochloride, Oxidase reagent

Applications

analytical chemistry, laboratory reagent.

Specifications

assay (acidimetric)..... min. 99 %
 turbidity..... max. 3,5 N.T.U.

store below 4 °C

oxidase test..... passes test

Physical data

- Appearance: crystalline powder, White-grey
- Bulk density: ~ 500 kg/m³
- Solub. in water: (20 °C): soluble
- Melting point: 208 - 212 °C (decomposes)
- pH(50 g/l H₂O, 20 °C) ~ 1,6

Safety - GHS

Signal Word: Danger

Hazard Statements:

H301: Toxic if swallowed.
 H311: Toxic in contact with skin.
 H330: Fatal if inhaled.



Precautionary Statements:

P260: Do not breathe dust / fume / gas / mist / vapours / spray.
 P284: Wear respiratory protection.
 P320: Specific treatment is urgent (see on this label).
 P361: Remove / Take off immediately all contaminated clothing.
 P405: Store locked up.
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 6.1 T2 II • UN 2811 • TOXIC SOLID, ORGANIC, N.O.S. (N,N-Dimethyl-p-phenylenediamine dihydrochloride)
- IMDG: 6.1 II • UN 2811 • TOXIC SOLID, ORGANIC, N.O.S. (N,N-Dimethyl-p-phenylenediamine dihydrochloride)
- IATA/ICAO: 6.1 II • UN 2811 • TOXIC SOLID, ORGANIC, N.O.S. (N,N-Dimethyl-p-phenylenediamine dihydrochloride)
- PAX: 613
- CAO: 615
- 2°C - 8°C