(1)-Norephedrine Hydrochloride

Molecular Formula: \( \text{C}_9\text{H}_{13}\text{NO} \cdot \text{HCl} \)

Molecular weight: 187.67

CAS No.: [3198-15-0]

Chemical Name:

(1R,2S)-2-Amino-1-phenyl propan-1-ol, Hydrochloride

Specifications:

1. Description: White crystalline powder.
2. Identification: IR spectrum of sample matches with standard.
3. Melting range: 171 to 174°C
4. Specific rotation: -32 to -34.5° (c = 5 % in water)
5. Clarity and colour of solution: Clear and colourless (5 % solution in water)
6. Loss on drying: Not more than 0.5 % w/w
7. Sulphate: Passes the test.
8. pH: 4.5 to 7.0 (2 % solution in water)
9. Residue on ignition: Not more than 0.5 % w/w
10. Assay (Non Aq. Titration): Between 99.0 % and 101.5 % w/w (dried basis)

Therapeutic indications: Anorexic

Use: Chiral Auxiliary, Chiral Resolving Agent

Packing: Packed in double lined polyethylene bags in 25 kg fiber drums.

Storage: Store below 35°C.