

## 4-Chloro-1-naphthol

Cat. No. CSUB-0443

Lot. No. (See product label)

### Introduction

**Applications** 4-chloro-1-naphthol along with N,N'-dimethyl-p-phenyldiamine may be used in an oxidative coupling reaction for visualization of antigen-antibody complexes on the nitrocellulose membrane. 4-Chloro-1-naphthol may also be used in scanning electrochemical microscopy (SECM), for imaging of DNA hybridization on microscopic polypyrrole patterns. It was used in immunoblotting analysis during purification of native specific proteins of *Taenia crassiceps* cysticerci antigens obtained by immunoaffinity chromatography.

### Product Information

**EC Number** 210-068-5

**CAS No.** 604-44-4

**Molecular Weight** 178.61

**Impurities**  $\lambda_{\text{ex}}$  310 nm;  $\lambda_{\text{em}}$  375 nm in ethanol

**Solubility** methanol: soluble 50 mg/mL, clear, colorless to very faintly yellow

**mp** 118-120 °C

**Substrates** Peroxidase Substrates

**Grade** for analytical purposes