

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 λ_{ex} 310 nm; λ_{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