Creative Enzymes®

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-phenylendiamine 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	λex 310 nm; λem 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