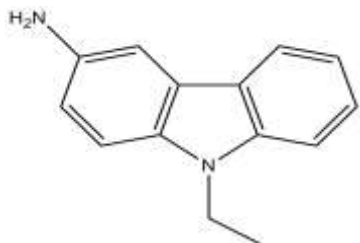


AEC (3-Amino-9-ethylcarbazole)

CATALOG #: 2122-10

AMOUNT: 10 ml

STRUCTURE:



CAS NUMBER: 132-32-1

FORMULATION: Yellow-brown to Dark-reddish solution in DMF

MOLECULAR FORMULA: C₁₄H₁₄N₂

MOLECULAR WEIGHT: 210.27

STORAGE: +2°C to +8°C. Protect from light.

APPLICATIONS: Immunoblotting; Immunohistochemistry

DESCRIPTION:

Precipitable peroxidase substrate for immunoblotting and immunohistochemical staining techniques supplied as a 50X concentrate (0.095 mol/l). To be used with AEC Substrate Buffer (Cat.# 2123-50)

BACKGROUND:

Precipitable peroxidase substrate for immunoblotting and immunohistochemical staining techniques. In the presence of horseradish peroxidase (HRP) and hydrogen peroxide, AEC is oxidized to a water-insoluble red product. AEC may be used as a substitute for diaminobenzidine (DAB) in HRP-based immunoassays. Although not as sensitive as DAB, the red deposit formed at the sites of AEC oxidation make this substrate useful where double labeling is desired. Since oxidized AEC is soluble in alcohols and xylene, aqueous-based mounting medium and counterstains must be used for immunohistochemical applications.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit