DAPI

Catalog # U0331 Size 10 mg

Applications

Fluorescence profiles of DAPI bound to dsDNA.

Fluorescence profiles of DAPI bound to dsDNA.

Specification

Product Description	DAPI is a nuclear and chromosome counterstain, it emits blue fluorescence upon binding to AT regio ns of DNA. Although the dye is cell impermeant, higher concentrations will enter a live cell.
Chemical Name	1H-Indole-6-carboximidamide, 2-[4-(aminoiminomethyl)phenyl]-, dihydrochloride
Chemical Formula	$C_{16}H_{17}Cl_2N_5$
MW	350.25
Detection Method	Fluorescent
Excitation (nm)	358
Emission (nm)	461
Solubility	Water
Sub-Cellular Localization	Nucleus and Nucleic Acids
Cell Permeability	Cell-impermeant
Regulation Status	For Research Use Only (RUO)
Storage Instruction	Store at room temperature and protect from light.

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Note	Fluorescence profiles of DAPI bound to dsDNA. Fluorescence profiles of DAPI bound to dsDNA.

Applications

- Cell Staining

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