

DAPI

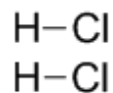
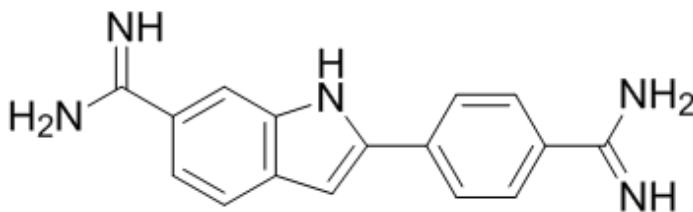
Cat# C3315

Store at -20°C and protected from light

INTRODUCTION

CAS: 28718-90-3**M.W:** 350.25**Formula:** C₁₆H₁₅N₅ · 2HCl**Fluorescence:** maximum excitation wavelength λ_{ex} 340 nm; maximum emission wavelength λ_{em} 488 nm (nur DAPI); maximum excitation wavelength λ_{ex} 364 nm after combination of DAPI and double-stranded DNA; maximum emission wavelength λ_{em} 454 nm (DAPI-DNA-Komplex)**Purity:** ≥98%**Solubility:** H₂O: 10 mg/mL heat or sonication 28718-90-3 may be required. Solutions stored in the dark at room temperature or 4 °C should be stable for 2 to 3 weeks ; PBS: insoluble**Appearance:** Yellow powder**Synonym :** 4,6-Diamidino-2-phenylindole dihydrochloride ; 2-(4-Amidinophenyl)-6-indolecarbamidine dihydrochloride ; DAPI dihydrochloride

CHEMICAL STRUCTURE



PRODUCT USE LIMITATION

These products are intended for research use only.