

DAPI staining reagent

DAPI

CATALOG #
AAA332504

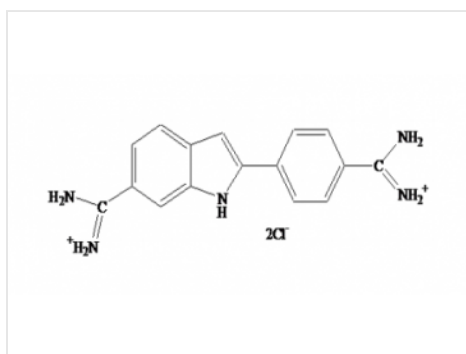
PRODUCT SYNONYMS

DAPI; BMD00063; DAPI staining reagent

PRODUCT SPECIFICATIONS

Form/Format	Yellow powder
Tag	DAPI
CAS Number	28718-90-3
Molecular Formula	C ₁₆ H ₁₇ Cl ₂ N ₅
Solubility	Soluble in H ₂ O
Features & Benefits	lambdaEx/lambdaEm: 358/461nm (with DNA)
Preparation and Storage	Store at 4 degree C and protect from light, especially in solution. Product is stable for at least 12 months from date of receipt if stored as recommended. Shipping Gel pack with blue ice.

IMAGES



Structure

Fig. DAPI structure formula

ADDITIONAL INFORMATION

Related Product Information for DAPI staining reagent	Description: DAPI is a popular blue fluorescent DNA dye. Background: DAPI is a popular blue fluorescent DNA dye. The dye binds to the minor groove of dsDNA with approximately 20-fold fluorescence enhancement. DAPI is often applied to apoptosis detection, which will use fluorescence microscope or flow cytometer after staining.
Product Categories/Family for DAPI staining reagent	Cell Staining/Tracing Kit, Fluorescent Dyes; Cytology

NCBI AND UNIPROT INFORMATION

Molecular Weight	350.25
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/staining-reagent/dapi/332504>