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Produktinformation



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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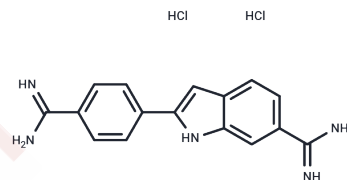
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DAPI Dihydrochloride

Chemical Properties

CAS No. :	28718-90-3
Formula:	C ₁₆ H ₁₇ Cl ₂ N ₅
Molecular Weight:	350.24
Appearance:	no data available
Storage:	keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	DAPI Dihydrochloride (FxCycle Violet) is a cell-permeable fluorescent probe by binding in the minor groove of A-T rich sequences of DNA, used to stain DNA and chromosomes, with a preference for adenine and thymine rich DNA.
Targets(IC50)	Others

Solubility Information

Solubility	H ₂ O: 5 mg/mL (14.27 mM),Sonication is recommended. DMSO: 100 mg/mL (285.51 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8552 mL	14.2759 mL	28.5519 mL
5 mM	0.571 mL	2.8552 mL	5.7104 mL
10 mM	0.2855 mL	1.4276 mL	2.8552 mL
50 mM	0.0571 mL	0.2855 mL	0.571 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Kapuscinski J, et al. DAPI: a DNA-specific fluorescent probe. *Biotech Histochem.* 1995 Sep;70(5):220-33.
Ci L, Huang Z, Liu Y, Liu Z, Wei G, Lu W. Amino-functionalized poloxamer 407 with both mucoadhesive and

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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