

Description:

DAPI is several times more sensitive than ethidium bromide for staining DNA in agarose gels. It may be used for photofootprinting of DNA, to detect annealed probes in blotting applications by specifically visualizing the double-stranded complex, and to study the changes in DNA and analyze DNA content during apoptosis using flow cytometry. (Molecular Biology Grade)

| Synonym | 4',6-Diamidino-2-phenylindole dihydrochloride |
|-----------------|-------------------------------------------------------|
| State of matter | Solid |
| Melting point | approx. 330°C |
| Formula | C ₁₆ H ₁₅ N ₅ · 2HCl |
| M | 350.25 g/mol |
| CAS-No.: | 28718-90-3 |
| EC-No.: | 249-186-7 |
| Storage: | 2-8°C, protected from light |
| LGK: | 10 - 13 |
| WGK: | 1 |

Specification

| | |
|------------------------------------|----------------------|
| DNases/RNases/Proteases | not detectable |
| Assay (from N) | min. 98 % |
| Solubility (1 %; H ₂ O) | clear |
| UV spectrum | complies to standard |

Order Information

| Prod. No. | Description | Quantity |
|------------------|--------------------|-----------------|
| CE9117 | DAPI | 5 g |
| CE9118 | DAPI | 25 g |
| CE9119 | DAPI | 100 g |