

Code No. 026-16371 (1 mg)

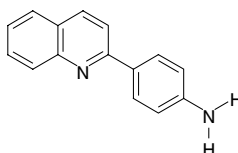
BF-170

BF-170 is a probe for neurofibrillary tangles (NFTs). It exhibits greater binding affinity to Tau fibrils such as NFTs, neuropil threads and paired helical filament than to A β fibrils.

Synonym : 2-(4-aminophenyl) quinoline

Molecular formula : C₁₅H₁₂N₂

Molecular Weight : 220.27

Structure

Solubility : methanol, ethanol

λ_{ex} : 450~490 (nm)

λ_{em} : > 520 (nm)

Procedure

1. Deparaffinize the section on a slide glass plate.
2. Immerse the section with 10% formalin neutral buffer for 60 min.
3. Wash the section with PBS for 5 min.
4. Blanch the section with 0.25% potassium permanganate solution for 20 min.
5. Wash the section twice with PBS for 2 min.
6. Immerse the section with 0.1% potassium metabisulfite and 0.15% oxalic acid for 5 sec.
7. Wash the section three times with PBS for 2 min.
8. Immerse the quenched tissue section with 100 μ mol/L BF-170 solution containing 50% ethanol for 10 min.
9. Dip the section 5 times with water for a few sec.
10. Observe the section with fluorescence microscope.

Storage : Store at -20 °C in the dark

Package : 1 mg

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