

FUJIFILM

Wako

Code No. 029-16361 (1 mg)

BF-168

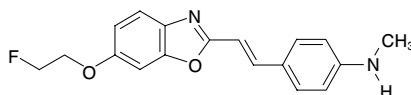
BF-168 is a probe for senile plaques (SPs). It selectively binds SPs in AD brain sections and recognizes A β 1-42 positive diffuse plaques.

Synonym : 6-(2-Fluoroethoxy)-2-[2-(4-methylaminophenyl) ethenyl] benzoxazole

Molecular formula : C₁₈H₁₇FN₂O₂

Molecular Weight : 312.34

Structure



Solubility : methanol, ethanol

λ_{ex} : 380~420 (nm)

λ_{em} : > 450 (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-168 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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