

FUJIFILM**Wako**

Code No. 022-18811 (1 mg)

BF-187

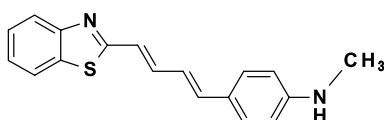
BF-187 is a fluorescence probe for amyloid- β (A β) plaques and neurofibrillary tangles (NFTs).

BF-187 is clearly stained A β plaques and NFTs.

This product is for laboratory use only ; use in any such application is the responsibility of users.

Appearance : Pale yellow ~ Brown, Crystalline powder ~ Powder

Structure :



Molecular formula : C₁₈H₁₆N₂S

Molecular weight : 292.40

Solubility : Methanol

Ex/Em : 400-440 nm/540 nm

Storage : Store away from sunlight at -20 °C, under inert gas.

Reference

1) Harada, R. *et al.* : *Mol. Imaging Biol.*, **16**, 19 (2014).

Procedure

1. Deparaffinize the section on a slide glass plate.
2. Wash the section with MQ for 10 min.
3. Blanch the section with 0.25% potassium permanganate solution for 20 min.
4. Wash the section twice with PBS for 2 min.
5. Immerse the section with 0.1% potassium metabisulfite and 0.15% oxalic acid for 5 sec.
6. Wash the section three times with PBS for 2 min.
7. Immerse the quenched tissue section with 100 μ mol/L BF-187 solution containing 50% ethanol for 10 min.
8. Dip the section 5 times with water for a few sec.
9. Observe the section with fluorescence microscope.

操作方法 :

1. パラフィン切片を脱パラフィン処理します。
2. 超純水で10分間洗浄します。
3. 0.25%過マンガン酸カリウム溶液で20分間漂白します。
4. PBSで2分間、2回洗浄します。
5. 0.1%メタ重亜硫酸カリウム-0.15%シュウ酸溶液に5秒間浸します。
6. PBSで2分間、3回洗浄します。
7. 50%エタノールで調製した100 μ mol/L BF-187溶液に10分間浸します。
8. 水に数秒間、5回浸します。
9. 蛍光顕微鏡で観察します。

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