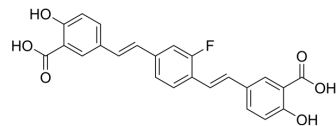


## FSB

Cat. No.:	HY-D1494
CAS No.:	760988-03-2
Molecular Formula:	C <sub>24</sub> H <sub>17</sub> FO <sub>6</sub>
Molecular Weight:	420.39
Target:	Amyloid-β
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

FSB is a fluorescent dye that can be used to detect filamentous tau and to label human amyloid lesions with high sensitivity and specificity (excitation: 390 nm, emission: 520 nm)<sup>[1][2]</sup>.

## REFERENCES

[1]. Velasco A, et al. Detection of filamentous tau inclusions by the fluorescent Congo red derivative FSB [(trans,trans)-1-fluoro-2,5-bis(3-hydroxycarbonyl-4-hydroxy)styrylbenzene]. FEBS Lett. 2008 Mar 19;582(6):901-6.

[2]. Sato K, et al. Fluoro-substituted and 13C-labeled styrylbenzene derivatives for detecting brain amyloid plaques. Eur J Med Chem. 2004 Jul;39(7):573-8.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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