

Product Data Sheet

Product Name: FSB
Cat. No.: GC43700

Chemical Properties

Cas. No. 760988-03-2

SMILES OC1=CC=C(/C=C/C2=CC(F)=C(/C=C/C3=CC(C(O)=O)=C(O)C=C3)C=C2)C=C1C(O)=O

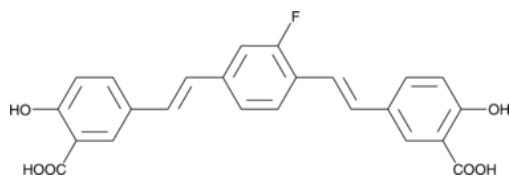
Formula C₂₄H₁₇FO₆ M.Wt 420.4

Solubility DMSO: 200 mg/ml Storage Store at -20°C, protect from light

General For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT, or Condition blue ice upon request.

Structure



Background

FSB is a fluorescent probe that has been used for the detection of amyloid plaques in human postmortem brain from patients with Alzheimer's disease and of curli amyloid fibers in *E. coli* biofilms. It has also been used to label tau inclusions in mouse and human brain sections and in mouse spinal cord following intravenous injection. FSB has excitation/emission maxima of 390/520 nm, respectively.

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

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