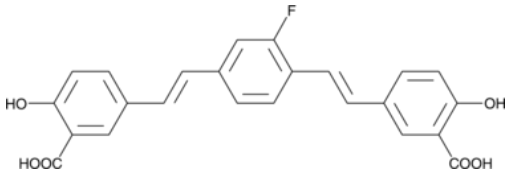
Product Data Sheet

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 tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or 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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