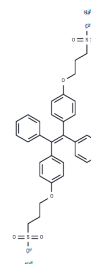


BSPOTPE

Chemical Properties

CAS No. :	953792-48-8
Formula:	C32H30Na2O8S2
Molecular Weight:	652.69
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	BSPOTPE is an AIE fluorescent probe and a lysosome-targeting dye. It features excellent photostability and long-term tracking ability for live cell imaging and autophagy flux monitoring.
Targets(IC50)	Others
In vitro	BSPOTPE utilizes its AIE characteristics to monitor conformational transitions in HSA induced by pH or denaturants [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5321 mL	7.6606 mL	15.3212 mL
5 mM	0.3064 mL	1.5321 mL	3.0642 mL
10 mM	0.1532 mL	0.7661 mL	1.5321 mL
50 mM	0.0306 mL	0.1532 mL	0.3064 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Räthel TR, et al. Application of 4,5-diaminofluorescein to reliably measure nitric oxide released from endothelial cells in vitro. Biol Proced Online. 2003;5:136-142.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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