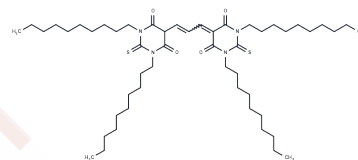


DiSBAC10

Chemical Properties

CAS No. :	169211-45-4
Formula:	C51H88N4O4S2
Molecular Weight:	885.4
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	DiSBAC10, a voltage-sensitive fluorescent probe, facilitates cell membrane electrical activity investigation in FRET assays. At rest, it populates the membrane's outer leaflet, accepting photons from excited fluorescein-labeled proteins and emitting them at higher wavelengths. Upon cell depolarization, DiSBAC10 quickly translocates to the inner leaflet, increasing fluorophore separation and diminishing the FRET signal.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1294 mL	5.6472 mL	11.2943 mL
5 mM	0.2259 mL	1.1294 mL	2.2589 mL
10 mM	0.1129 mL	0.5647 mL	1.1294 mL
50 mM	0.0226 mL	0.1129 mL	0.2259 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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