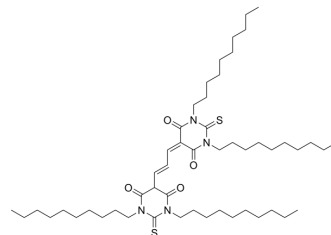


## DiSBAC10

Cat. No.:	HY-125452
CAS No.:	169211-45-4
Molecular Formula:	C <sub>51</sub> H <sub>88</sub> N <sub>4</sub> O <sub>4</sub> S <sub>2</sub>
Molecular Weight:	885.4
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

DiSBAC10 is a voltage-sensitive fluorescent probe used to study cell membrane electrical activity in FRET assays. In a resting polarized cell, DiSBAC10 resides on the outer leaflet of the membrane where it accepts photons from excited fluorescein-labeled proteins and re-emits the photons at a higher wavelength. Depolarization of the cell causes rapid translocation of DiSBAC10 to the inner leaflet of the membrane, thereby increasing the distance between fluorophores and reducing the FRET signal.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA