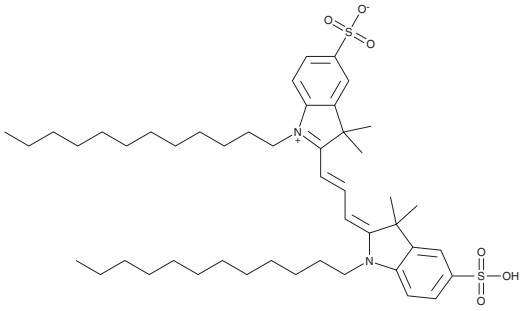
PRODUCT INFORMATION

DiIC12(3)-DS

Item No. 45060

Formal Name: 1-dodecyl-2-((E)-3-((E)-1-dodecyl-3,3-dimethyl-5-sulfoindolin-2-ylidene)prop-1-en-1-yl)-3,3-dimethyl-3H-indol-1-ium-5-sulfonate
Synonym: DiIC12(3)-disulfonic Acid
MF: $C_{47}H_{72}N_2O_6S_2$
FW: 825.2
Purity: ≥90%
Ex./Em. Max: 550/564 nm
Supplied as: A solid
Storage: -20°C
Stability: ≥4 years
Special Conditions: Light sensitive



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

DiIC12(3)-DS is supplied as a solid. A stock solution may be made by dissolving the DiIC12(3)-DS in the solvent of choice, which should be purged with an inert gas. DiIC12(3)-DS is soluble in DMSO.

Description

DiIC12(3)-DS is a fluorescent probe for cell membranes that contains both a hydrophilic and lipophilic moiety. It displays excitation/emission maxima of 550/564 nm, respectively, with an increase in fluorescence intensity when incorporated into membranes or bound to lipophilic biomolecules. DiIC12(3)-DS can be used in conjunction with additional probes for multi-labeling applications and in flow cytometric analysis of live cells. DiIC12(3)-DS fluoresces more strongly in water compared with more lipophilic DiI-based fluorescent probes.

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

WARRANTY AND LIMITATION OF REMEDY
Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

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