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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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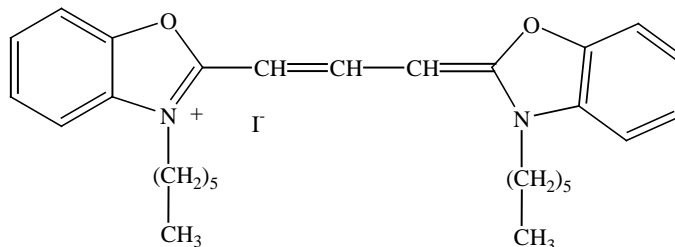
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PRODUCT AND SAFETY DATA SHEET

PRODUCT NAME: DiOC₆(3), Iodide (3,3'-dihexyloxycarbocyanine, iodide)**CATALOG #:** 70009**MOLECULAR INFORMATION:** C₂₉H₃₇IN₂O₂
Mwt: 572.53
[53213-82-4]**PROPERTIES:**

Color & Form	Orange solid
Purity	≥ 98% HPLC
Solubility	Soluble in DMF or DMSO
Absorption\Emission	484 nm \ 501 nm (in MeOH)
Extinction Coefficient	150,000 cm ⁻¹ M ⁻¹ (in MeOH)

STORAGE AND HANDLING:

Store at 4 °C and protect from light, especially when in solution.

APPLICATION:DiOC₆(3) is a green fluorescent membrane dye that has been used to stain the ER in both live and fixed cells.^{1,2} The dye has also been used to study structural interactions and dynamics of the ER in neurons^{3,4} and yeast.⁵Ref: 1) *J. Cell Biol.* **103**, 1557(1986); 2) *Cell* **38**, 101(1984); 3) *J. Cell Biol.* **127**, 1021(1994); , 6050(1980); 4) *Nature*, **310**, 53(1984); 5) *Cell Motil. Cytoskeleton*, **25**, 111(1993);More references may be found at <http://www.ncbi.nlm.nih.gov/entrez>**TOXICITY:**

Unknown

FIRST AID:

Potentially harmful; avoid prolonged or repeated exposure. Avoid getting in eyes, on skin, or on clothing. Wash thoroughly after handling. If eye or skin contact occurs, wash affected areas with plenty of water for 15 minutes and seek medical advice. In case of inhaling or swallowing, move individual to fresh air and seek medical advice immediately.

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