

## **DiOC16(3)**

DiOC16(3) is a green fluorescent lipophilic cyanine dye with two C16 hydrocarbon chains that can be used to stain cytoplasmic membranes.



## **Product attributes**

Call us: 800-304-5357

CAS number	161433-32-1
For live or fixed cells	For live/intact cells
Colors	Green
Excitation/Emission	484/501 nm

## **Product Description**

DiOC16(3) is a green fluorescent lipophilic cyanine dye with two C16 hydrocarbon chains. The dye can be used to stain cytoplasmic membranes.

DiOC16 has been combined with DPA (cat # 60037) to detect cell membrane potential change with high sensitivity. See the <u>DiO/DPA Membrane Potential Detection Kit (30037)</u> for more information).

- Orange solid soluble in DMF and DMSO at >5 mg/mL
- $\lambda_{Abs}/\lambda_{Em}$  (MeOH) = 484/501 nm
- ε = ~130,000
- Store at 4°C and protect from light
- C<sub>55</sub>H<sub>88</sub>N<sub>2</sub>O<sub>9</sub>
- MWt: 921.30
- [161433-32-1]

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