

## DiO(DiOC18(3))

Cat #:BMD00072

Lot #: Refer to product label

The green fluorescent, lipophilic carbocyanine DiOC18(3) is widely used as a lipophilic tracer.

### Product Information

**Product name** DiO(DiOC18(3))

### Specification

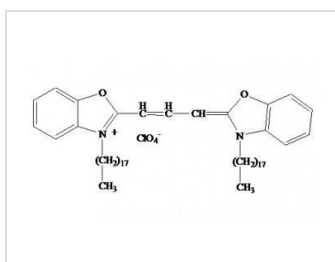


Fig. DiO(DiOC18(3)) structure formula

### Product Properties

<b>Storage instructions</b>	Store at +4°C. The product can be stored for up to 12 months. Protect from light.
<b>Shipping</b>	Gel pack with blue ice.
<b>Precautions</b>	The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.

### Additional Information

<b>Background</b>	The green fluorescent, lipophilic carbocyanine DiOC18(3) is widely used as a lipophilic tracer. It is weakly fluorescent in water but highly fluorescent and quite photostable when incorporated into membranes. It has an extremely high extinction coefficient and short excited-state lifetimes (~1 nanosecond) in lipid environments. Once applied to cells, the dye diffuses laterally within the plasma membrane.
-------------------	---

For more latest publications, please visit website [www.abbkine.com](http://www.abbkine.com)