

## DiOC2(3)

Cat #:BMD00079

Lot #: Refer to product label

DiOC2(3) has been used for measuring membrane potentials in bacteria.

## Product Information

**Product name** DiOC2(3)

## Specification

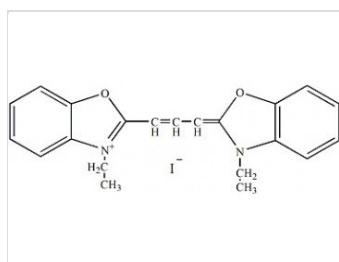


Fig. DiOC2(3) structure formula

## Product Properties

### Storage instructions

Store at -20°C. The product can be stored for up to 12 months. Protect from light.

### Shipping

Gel pack with blue ice.

### Precautions

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

### Background

DiOC2(3) (3,3'-Diethyloxacarbocyanine, iodide) has been used for measuring membrane potentials in bacteria. The green fluorescent dye forms red fluorescent aggregates with increasing membrane potential. The spectral shifting phenomenon has been exploited to measure membrane potential ratiometrically.

### Alternative names

(3,3'-Diethyloxacarbocyanine

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