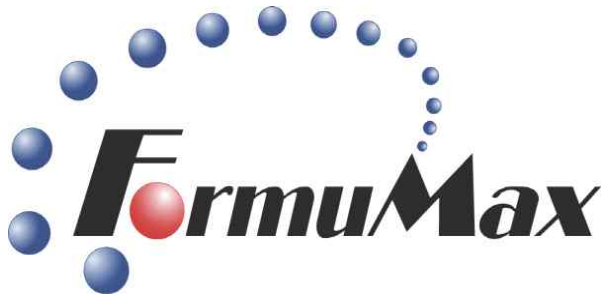


## Fluorescent DiO Control Liposomes for Clophosome (Neural)

Code No. : F70101FO-N

Size : 2 ml, 10 ml



### Product Description

#### DiO Labeled Fluorescent Control Liposomes for Clophosome-A (Neutral)

The fluorescent control liposomes contain the green lipophilic dye DiO incorporated in the bilayers. It has comparable physical and chemical attributes as for the Clophosome® except no active is encapsulated inside. It is used for tracking the cellular uptake of the liposomes by common methods like confocal, FACS, etc.

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.

### Specifications

Product code: F70101FO-N

Lipid composition: phosphatidylcholine and cholesterol

Dye: 0.15 mM (0.13mg/mL)

Stability: 6 months for unopened vials

Storage: 2-8 °C

'DiO': DiOC18(3) (3,3'-Diocadecyloxacarbocyanine Perchlorate) (Invitrogen D-275)

Ex/Em: 484/501 nm

CAS Number: 34215-57-1

