

Fluorescent DiD Control Liposomes for Clophosome-A (Anionic)

Code No. : F70101FD-A

Size : 2 ml, 10 ml



Product Description

DiI-Labeled Fluorescent Control Liposomes for Clophosome-A (Anionic)

The fluorescent control liposomes contain the lipophilic dye DiD 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 far-red fluorescent, lipophilic carbocyanine DiD is a longer-wavelength DiI analog. It is an oil at room temperature and 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

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Lipid composition: phosphatidylcholine, phosphatidylglycerol and cholesterol

Dye: 0.15 mM (0.14mg/mL)

Stability: 6 months for unopened vials

'DiD': DiI18(5) oil (1,1'-Dioctadecyl-3,3,3',3'-Tetramethylindodicarbocyanine Perchlorate) (Invitrogen D-307)

Ex/Em: 644/665 nm

CAS Number: 127274-91-3