

DATA SHEET

DiO-LDL

Low Density Lipoprotein labeled with 3,3'-dioctadecyloxacarbocyanine perchlorate

Catalog No: J64267 (BT-916)

Quantity: 200ug/vial

Concentration: 200ug/ml

Absorbance Ratio: $\frac{\text{Dil}}{\text{Protein}} = \frac{507\text{nm}}{280\text{nm}}$

Preparation: Purified Low Density Lipoprotein is labeled with the fluorescent probe, DiO. DiO-LDL is refloated by ultracentrifugation (1.019-1.063g/cc). The resultant product is exhaustively dialyzed against 0.15M NaCl, 0.05M Tris, (pH 7.4), 0.3mM EDTA, sterilized by filtration and then aseptically packaged. Sample lots have been evaluated for the specific labeling of bovine aortic endothelium, HUVECS, murine macrophages and the current lot was evaluated on P-388D cells to assure consistent results.

Storage &

Stability: DiO-Ac-LDL is stable 3 months when kept sterile at 4°C. **NEVER FREEZE.**

NOTE: BT also offers ECGS, Endothelial Mitogen (**Cat. No. J64516, (BT-203)**), which when added as a media supplement, improves the viability of cultured (EC) endothelial cells (HUVEC, etc.). EC attachment may be enhanced by coating cultureware with Human Fibronectin (**Cat. No. J64560, (BT-225)**) or Bovine Fibronectin (**Cat.No. J62380, (BT-226)**).

FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS OR FOR IN-VITRO DIAGNOSTIC USE

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