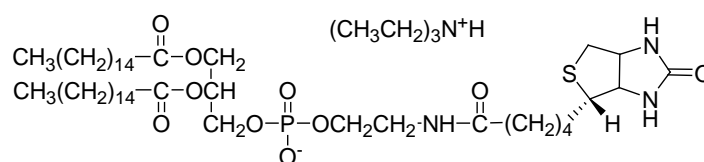


PRODUCT AND SAFETY DATA SHEET

PRODUCT NAME: **Biotin-DHPE** (N-(biotinoyl)-1,2-dihexadecanoyl-sn-glycero-3-phosphoethanolamine, triethylammonium salt)

CATALOG # **60022**

MOLECULAR INFORMATION: C₅₃H₁₀₃N₄O₁₀PS
MW: 1019.44

**PROPERTIES:**

Color & Form White solid
Solubility Soluble in chloroform
Absorption/Emission N/A
Extinction Coefficient N/A

STORAGE AND HANDLING:

Store at -20 °C. **Please note:** Chloroform may degrade the O-ring in the cap on the product vial. For long term storage after reconstitution in chloroform, transfer the solution to a vial without an O-ring.

APPLICATION:

Biotin-DHPE can be used to couple avidin or streptavidin to cell membranes or liposomes.

Ref.: 1) *Immunol. Meth.* **158**, 183(1993); 2) *Anal. Biochem.* **207**, 341 (1992); 3) *Biophys. J.* **59**, 387(1991).

TOXICITY:

Not established. Not listed by NTP, IARC or OSHA.

FIRST AID:

Potentially harmful. Avoid prolonged or repeated exposure. Avoid getting in eyes, on skin, or on clothing. Wash thoroughly after handling. If eye or skin contact occurs, wash affected areas with plenty of water for 15 minutes and seek medical advice. In case of inhaling or swallowing, move individual to fresh air and seek medical advice immediately.

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