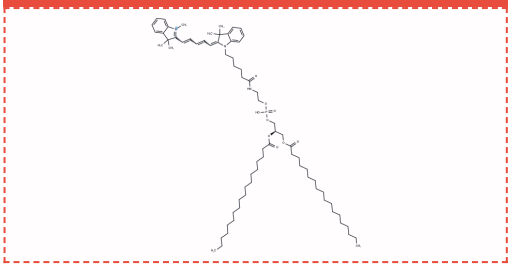
# Cy5-DSPE

Cat. No.: **SN-M-LM127**

## Chemical Properties

| | |
|---|---|
| **Product Name** | Cy5-DSPE |
| **Full Name** | [(2R)-3-[2-[6-[(2E)-3,3-dimethyl-2-[(2E,4E)-5-(1,3,3-trimethylindol-1-ium-2-yl)penta-2,4-dienylidene]indol-1-yl]hexanoylamino]ethoxy-hydroxyphosphoryl]oxy-2-octadecanoyloxypropyl] octadecanoate |
| **Cat. No.** | SN-M-LM127 |
| **CAS No.** | 2260669-68-7 |
| **Molecular Formula** | C73H119N3O9P |
| **Molecular Weight** | 1213.71 |
| **Appearance** | Solid |
| **Storage** | Keep away from direct sunlight |
| **Shipping** | Shipping with blue ice/Shipping at ambient temperature. |
| **Solubility** | DMSO: < 1 mg/mL (insoluble) \| Chloroform: 50 mg/mL (41.2 mM), Sonication is recommended. |
| **Purity** | 98+% |

## Structure



## Biological Description

Cy5-DSPE is a fluorescent phospholipid that combines the cell membrane targeting properties of DSPE with the strong fluorescence of Cyanine 5 (Cy5), commonly used in bioimaging and drug delivery research.

## Related Products / Keywords

- Cy5-DSPE

This product is a research reagent and must not be used for clinical validation or human therapeutic use.

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