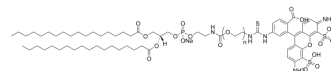


DSPE-PEG-Fluor 488, MW 2000

| | |
|-----------|---|
| Cat. No.: | HY-160269 |
| Target: | Fluorescent Dye |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

DSPE-PEG-Fluor 488, MW 2000 is a PEG-dye-lipid conjugate consisting of a DSPE phospholipid and a Fluor 488 dye. DSPE is a phospholipid that spontaneously forms micelles in a water medium, and Fluor 488 is a cyanine dye that is widely used in fluorescence microscopy. Fluor 488 has excitation and emission maxima at 499 nm and 520 nm. Polyethylene glycol lipids are commonly used for the stabilization of lipid nanoparticles^[1].

REFERENCES

[1]. Che J, et al. DSPE-PEG: a distinctive component in drug delivery system. *Curr Pharm Des.* 2015;21(12):1598-605.

Caution: Product has not been fully validated for medical applications. For research use only.

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