

Fluorescein-DHPE

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Product attributes

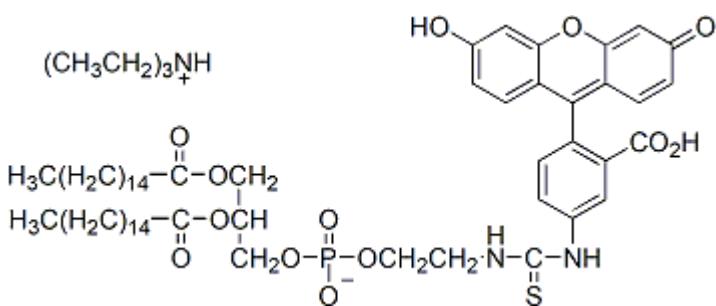
CAS number	87706-98-7
Probe cellular localization	Membrane/cell surface, Membrane/vesicular
Colors	Green
Excitation/Emission	496/519 nm
Conjugation	Fluorescein (FITC)

Product Description

Fluorescein-DHPE

(N-(Fluorescein-5-thiocarbamoyl)-1,2-dihexadecanoyl-sn-glycero-3-phosphoethanolamine, triethylammonium salt) is a useful surface pH indicator (1) and has also been used for measuring lateral diffusion in membranes via fluorescence photobleaching recovery method.

- $\lambda_{\text{Ex}}/\lambda_{\text{Em}}$ (MeOH) = 496/ 519 nm
- Orange solid soluble in chloroform
- Store at -20°C and protect from light
- $\text{C}_{64}\text{H}_{100}\text{N}_3\text{O}_{13}\text{PS}$
- MW: 1182.53
- [87706-98-7]



References

1. *Biochim Biophys Acta* 939, 289 (1988).
2. *Biophys J* 66, 25 (1994).
3. *J Cell Biol* 103, 807 (1986).

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