NBD-PE

NBD-PE (N-(7-Nitrobenz-2-oxa-1,3-diazol-4-yl)-1,2-dihexadecanoyl-snglycero-3-phosphoethanolamine, triethylammonium salt) in combination with Rhodamine-DHPE (#60026) or Texas Red®-DHPE (#60027) has been used to study membrane fusion via fluorescence resonance energy transfer (FRET) (1-3). NBD-PE has also been used in photobleaching recovery measurement.

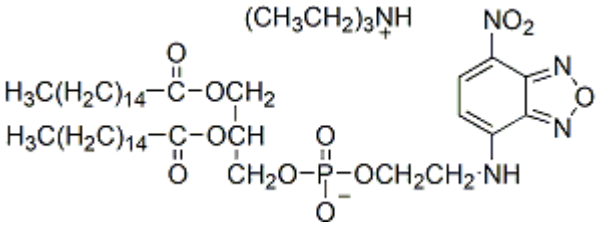
Product attributes

CAS number	178119-00-1
Probe cellular localization	Membrane/cell surface, Membrane/vesicular
Colors	Green
Excitation/Emission	463/536 nm
Conjugation	NBD

Product Description

NBD-PE (N-(7-Nitrobenz-2-oxa-1,3-diazol-4-yl)-1,2-dihexadecanoyl-snglycero-3-phosphoethanolamine, triethylammonium salt) in combination with Rhodamine-DHPE (#60026) or Texas Red®-DHPE (#60027) has been used to study membrane fusion via fluorescence resonance energy transfer (FRET) (1-3). NBD-PE has also been used in photobleaching recovery measurement.

- $\lambda_{Ex}/\lambda_{Em}$ (MeOH) = 463/536 nm
- Orange solid soluble in chloroform
- Store at -20°C and protect from light
- $C_{49}H_{90}N_5O_{11}P$
- MW: 956.24
- [178119-00-1]



Texas Red is a registered trademark of Thermo Fisher Scientific.

References

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4.

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