

Product Name: PtdIns-(4,5)-P2-fluorescein triethylammonium
Cat. No.: GC80366

Cas. No.

Formula $C_{76}H_{135}N_6O_{25}P_3$

M.Wt 1625.83

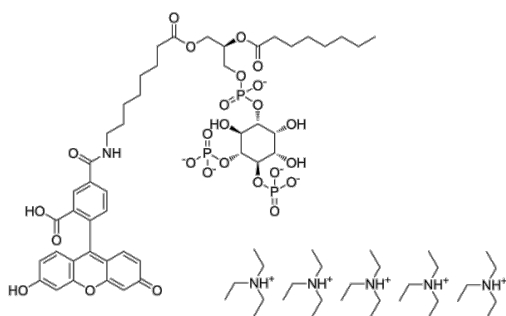
Solubility

Storage	Store at -20°C
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General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.
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Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.
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Structure



PtdIns-(4,5)-P2-fluorescein (PI(4,5)P2-fluorescein) triethylammonium is a fluorescently labeled phosphatidylinositol-4,5-bisphosphate, which is a marked form of an important phospholipid signaling molecule (PIP2) on the cell membrane. PtdIns-(4,5)-P2-fluorescein triethylammonium can be used to detect proteins that interact with phosphatidylinositol-4,5-bisphosphate, such as PI3K, PTEN, and PH domain proteins, etc [1].

References:

[11]. Peng J, et al. The P300 acetyltransferase inhibitor C646 promotes membrane translocation of

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

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Product Data Sheet

insulin receptor protein substrate and interaction with the insulin receptor. Journal of Biological Chemistry. 2022 Mar 1;298(3).

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