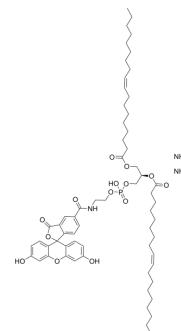


## DOPE-CF

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-D1556  |
| CAS No.:           | 384832-91-1   |
| Molecular Formula: | C <sub>62</sub> H <sub>94</sub> N <sub>3</sub> O <sub>14</sub> P                          |
| Molecular Weight:  | 1136.4  |
| Target:            | Fluorescent Dye   |
| Pathway:           | Others  |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



## BIOLOGICAL ACTIVITY

### Description

DOPE-CF is a pH-sensitive fluorescent membrane labelled probe with a fluorescein moiety that is a weak acid and a conjugated base that is highly fluorescent and can be attached to phospholipid ethanolamine lipids<sup>[1]</sup>.

## REFERENCES

[1]. Anne-Florence Bitbol, et al. Lipid membrane deformation in response to a local pH modification: theory and experiments. *Soft Matter*, 2012, 8, 6073

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

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