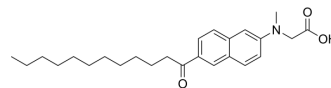


## C-Laurdan

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-D1378  |
| CAS No.:           | 959839-06-6   |
| Molecular Formula: | C <sub>25</sub> H <sub>35</sub> NO <sub>3</sub>   |
| Molecular Weight:  | 397.55  |
| Target:            | Fluorescent Dye   |
| Pathway:           | Others  |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

#### Description

C-Laurdan is a fluorescent probe for imaging lipid rafts with environmentally sensitive fluorescence. C-Laurdan exhibits strong photostability under two-photon excitation and can be used for single and two-photon fluorescence imaging to detect lipid membrane properties such as membrane lateral organization, various membrane-associated processes, etc<sup>[1]</sup>.

### REFERENCES

[1]. Martín M Dodes Traian, et al. Imaging lipid lateral organization in membranes with C-laurdan in a confocal microscope. J Lipid Res. 2012 Mar;53(3):609-616.

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

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