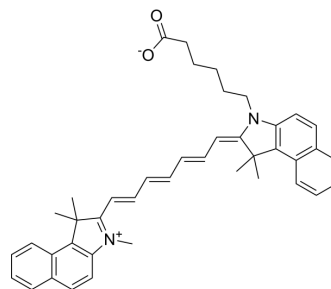


## Cy7.5-COOH

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-D1883  |
| CAS No.:           | 1144107-81-2  |
| Molecular Formula: | C <sub>42</sub> H <sub>44</sub> N <sub>2</sub> O <sub>2</sub>                             |
| Molecular Weight:  | 608.81  |
| Target:            | Fluorescent Dye   |
| Pathway:           | Others  |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

#### Description

Cy7.5-COOH (compound 8f), a cyanine dye, is a highly fluorescent compound (Abs/Em = 781/808 nm). Cy7.5-COOH can be used as a fluorescent probe in a wide-range of applications such as DNA sequencing, flow cytometry and in vivo imaging<sup>[1]</sup>.

### REFERENCES

[1]. Maria Lopalco, et al. Catch and release microwave mediated synthesis of cyanine dyes. *Org Biomol Chem*. 2009 Mar 7;7(5):856-9.

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

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