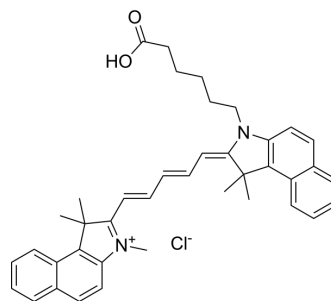


## CY5.5-COOH chloride

<b>Cat. No.:</b>	HY-D1040A
<b>CAS No.:</b>	2410537-32-3
<b>Molecular Formula:</b>	C <sub>40</sub> H <sub>43</sub> ClN <sub>2</sub> O <sub>2</sub>
<b>Molecular Weight:</b>	619.23
<b>Target:</b>	Fluorescent Dye
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

CY5.5-COOH (Cyanine 5.5 carboxylic acid) chloride is a fluorescent dye, is commonly used in bioimaging. CY5.5-COOH chloride shows narrow absorption spectrum, and high sensitivity and stability<sup>[1]</sup>.

### REFERENCES

[1]. Sijoon Lee, et al. Toxicity and Biodistribution of Fragmented Polypropylene Microplastics in ICR Mice. *Int J Mol Sci.* 2023 May 9;24(10):8463.

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

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