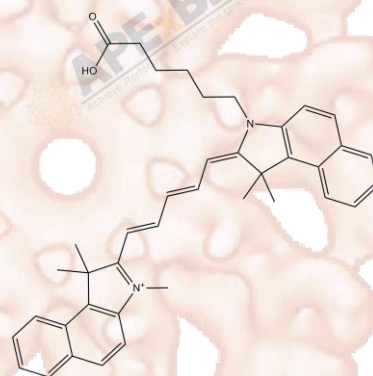


Product Data Sheet

Cy5.5 carboxylic acid (non-sulfonated)

Cat. No.: A8134
CAS No.:
Formula: C₄₀H₄₃CIN₂O₂
M.Wt: 619.23
Synonyms:
Target: Fluorescent dyes
Pathway: Cyanine dyes
Storage: 24 months after receipt at -20°C in the dark.
 Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light.
 Desiccate.



Solvent & Solubility

insoluble in H₂O; ≥16.73 mg/mL in EtOH with ultrasonic; ≥213 mg/mL in DMSO

In Vitro

	Solvent	Mass Concentration	1mg	5mg	10mg
Preparing Stock Solutions		1 mM	1.6149 mL	8.0745 mL	16.1491 mL
		5 mM	0.3230 mL	1.6149 mL	3.2298 mL
		10 mM	0.1615 mL	0.8075 mL	1.6149 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary

Non-reactive fluorophore, for control experiments, and for calibration

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEx BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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