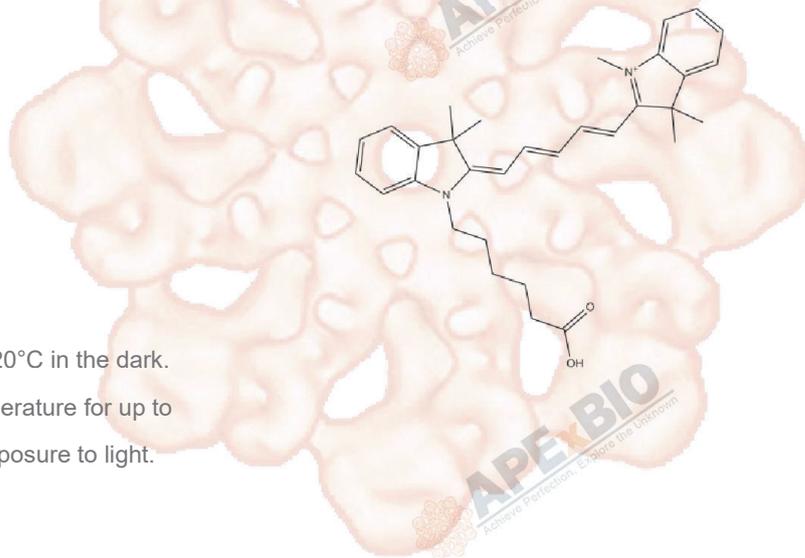


Product Data Sheet

Cy5 carboxylic acid (non-sulfonated)

Cat. No.:	A8133
CAS No.:	
Formula:	C32H39CIN2O2
M.Wt:	519.12
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

≥51.9 mg/mL in DMSO; insoluble in H₂O; ≥89 mg/mL in EtOH

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	1.9263 mL	9.6317 mL	19.2634 mL
	5 mM	0.3853 mL	1.9263 mL	3.8527 mL
	10 mM	0.1926 mL	0.9632 mL	1.9263 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 APExBIO 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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