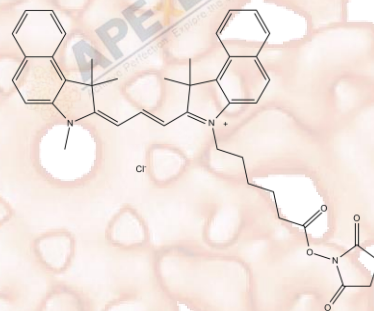


Product Data Sheet

Cy3.5 NHS ester (non-sulfonated)

Cat. No.: A8101
CAS No.:
Formula: C42H44CIN3O4
M.Wt: 690.27
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

≥69 mg/mL in DMSO; insoluble in H₂O; ≥7.29 mg/mL in EtOH with ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
		1 mM	1.4487 mL	7.2435 mL	14.4871 mL
		5 mM	0.2897 mL	1.4487 mL	2.8974 mL
		10 mM	0.1449 mL	0.7244 mL	1.4487 mL

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

Biological Activity

Shortsummary

Labeling of amino-groups in biomolecules.

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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