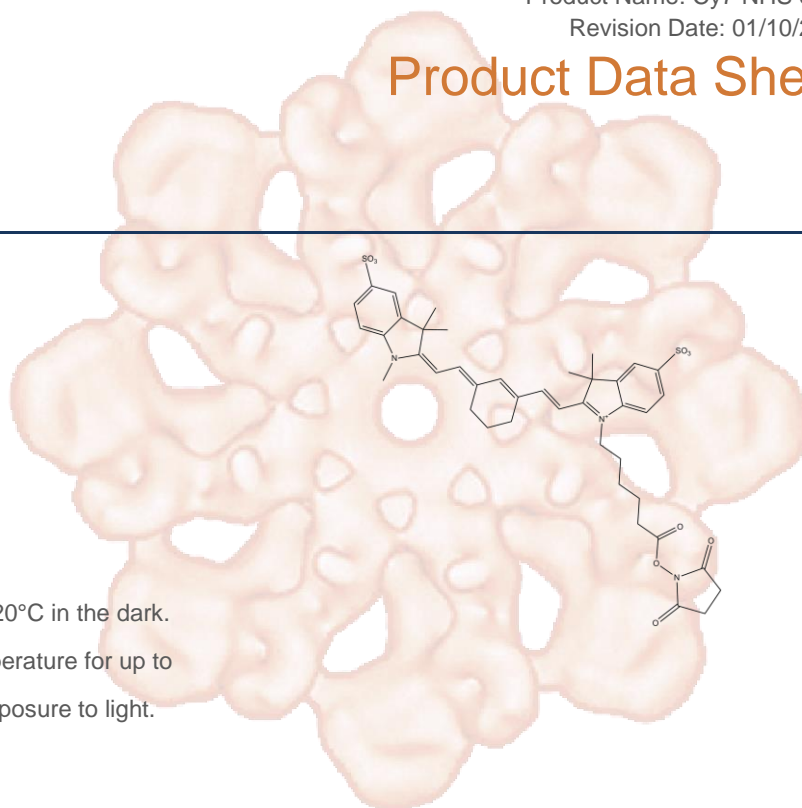


Product Data Sheet

Cy7 NHS ester

Cat. No.:	A8109
CAS No.:	
Formula:	C ₄₁ H ₄₆ N ₃ NaO ₁₀ S ₂
M.Wt:	827.94
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

good in water, DMF, DMSO

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass	1mg	5mg	10mg
		1 mM	5 mM	10 mM	
	1 mM	1.2078 mL	6.0391 mL	12.0782 mL	
	5 mM	0.2416 mL	1.2078 mL	2.4156 mL	
	10 mM	0.1208 mL	0.6039 mL	1.2078 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

1. Wang X, Wang N, et al. "Polydopamine nanoparticles carrying tumor cell lysate as a potential vaccine for colorectal cancer immunotherapy." Biomater Sci. 2019 Jun 25;7(7):3062-3075.PMID:31140475
2. wang ning, Ying Yang, et al. "Polydopamine as the antigen delivery nanocarriers for enhanced immune response in tumor immunotherapy." ACS Biomater. Sci. Eng. April 15 2019.

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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