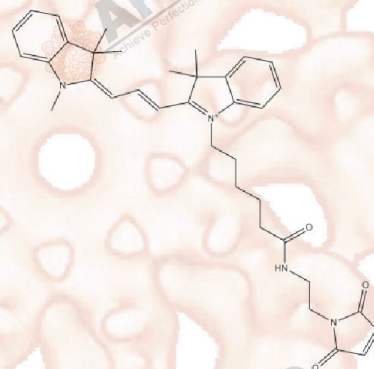


Product Data Sheet

Cy3 maleimide (non-sulfonated)

Cat. No.: A8138
CAS No.:
Formula: C36H43ClN4O3
M.Wt: 615.20
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

≥ 16.53 mg/mL in DMSO; ≥ 3.32 mg/mL in H₂O with gentle warming and ultrasonic; ≥ 8.82 mg/mL in EtOH

In Vitro

Preparing Stock Solutions	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
		1 mM	1.6255 mL	8.1274 mL	16.2549 mL
		5 mM	0.3251 mL	1.6255 mL	3.2510 mL
		10 mM	0.1625 mL	0.8127 mL	1.6255 mL

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

Biological Activity

Shortsummary

Labeling of cysteine residues, as well as other thiolated molecules

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.

APExBIO Technology

www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com

