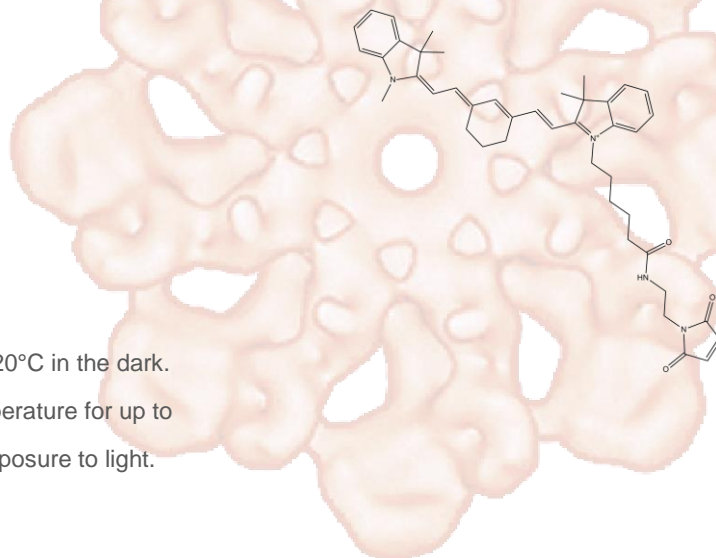


Product Data Sheet

Cy7 maleimide (non-sulfonated)

| | |
|------------------|--|
| Cat. No.: | A8141 |
| CAS No.: | |
| Formula: | C43H51ClN4O3 |
| M.Wt: | 707.34 |
| 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

soluble in organic solvents (DMSO, DMF, dichloromethane), low solubility in water

In Vitro

| Preparing Stock Solutions | Solvent | | Mass | | |
|------------------------------|---------------|--|-----------|-----------|------------|
| | Concentration | | 1mg | 5mg | 10mg |
| | 1 mM | | 1.4137 mL | 7.0687 mL | 14.1375 mL |
| | 5 mM | | 0.2827 mL | 1.4137 mL | 2.8275 mL |
| | 10 mM | | 0.1414 mL | 0.7069 mL | 1.4137 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

