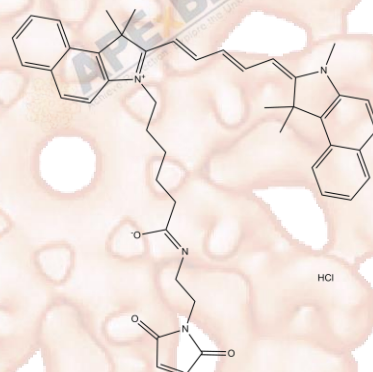


## Product Data Sheet

### Cy5.5 maleimide (non-sulfonated)

<b>Cat. No.:</b>	A8140
<b>CAS No.:</b>	
<b>Formula:</b>	C <sub>46</sub> H <sub>49</sub> CIN <sub>4</sub> O <sub>3</sub>
<b>M.Wt:</b>	741.36
<b>Synonyms:</b>	
<b>Target:</b>	Fluorescent dyes
<b>Pathway:</b>	Cyanine dyes
<b>Storage:</b>	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

≥74.1 mg/mL in DMSO; insoluble in H<sub>2</sub>O; insoluble in EtOH

In Vitro

Preparing Stock Solutions	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
		<b>1 mM</b>	1.3489 mL	6.7444 mL	13.4887 mL
		<b>5 mM</b>	0.2698 mL	1.3489 mL	2.6977 mL
		<b>10 mM</b>	0.1349 mL	0.6744 mL	1.3489 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

IC<sub>50</sub> & Target

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

## Product Citations

See more customer validations on [www.apexbt.com](http://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**

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