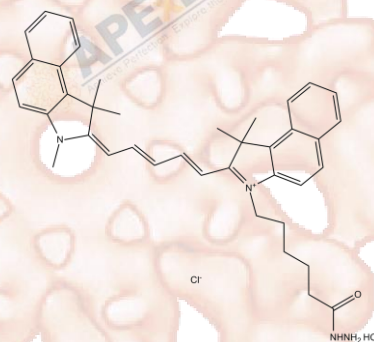


## Product Data Sheet

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

<b>Cat. No.:</b>	A8261
<b>CAS No.:</b>	N/A
<b>Formula:</b>	C <sub>40</sub> H <sub>46</sub> Cl <sub>2</sub> N <sub>4</sub> O
<b>M.Wt:</b>	669.73
<b>Synonyms:</b>	
<b>Target:</b>	Fluorescent dyes
<b>Pathway:</b>	Cyanine dyes
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

≥67 mg/mL in DMSO; insoluble in H<sub>2</sub>O; ≥98.4 mg/mL in EtOH

In Vitro

	Solvent	Mass Concentration	1mg	5mg	10mg
Preparing Stock Solutions		1 mM	1.4931 mL	7.4657 mL	14.9314 mL
		5 mM	0.2986 mL	1.4931 mL	2.9863 mL
		10 mM	0.1493 mL	0.7466 mL	1.4931 mL

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

### Biological Activity

Shortsummary

carbonyl-reactive dye

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 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.

**APEx BIO Technology**

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