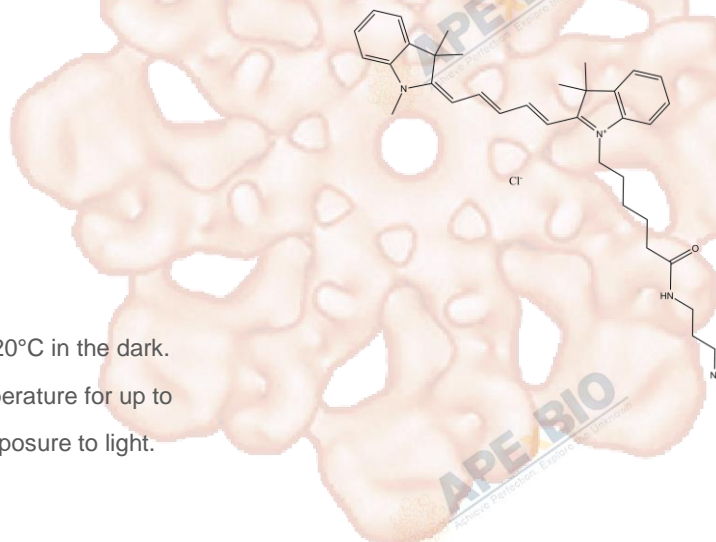


# Product Data Sheet

## Cy5 azide (non-sulfonated)

<b>Cat. No.:</b>	A8113
<b>CAS No.:</b>	
<b>Formula:</b>	C35H45ClN6O
<b>M.Wt:</b>	601.22
<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

≥60.1 mg/mL in DMSO; insoluble in H<sub>2</sub>O; ≥49.1 mg/mL in EtOH with ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
		<b>1 mM</b>	1.6633 mL	8.3164 mL	16.6328 mL
		<b>5 mM</b>	0.3327 mL	1.6633 mL	3.3266 mL
		<b>10 mM</b>	0.1663 mL	0.8316 mL	1.6633 mL

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

### Biological Activity

Shortsummary

used for Click chemistry to label alkyne-modified oligonucleotides

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**

[www.apexbt.com](http://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](mailto:info@apexbt.com)

