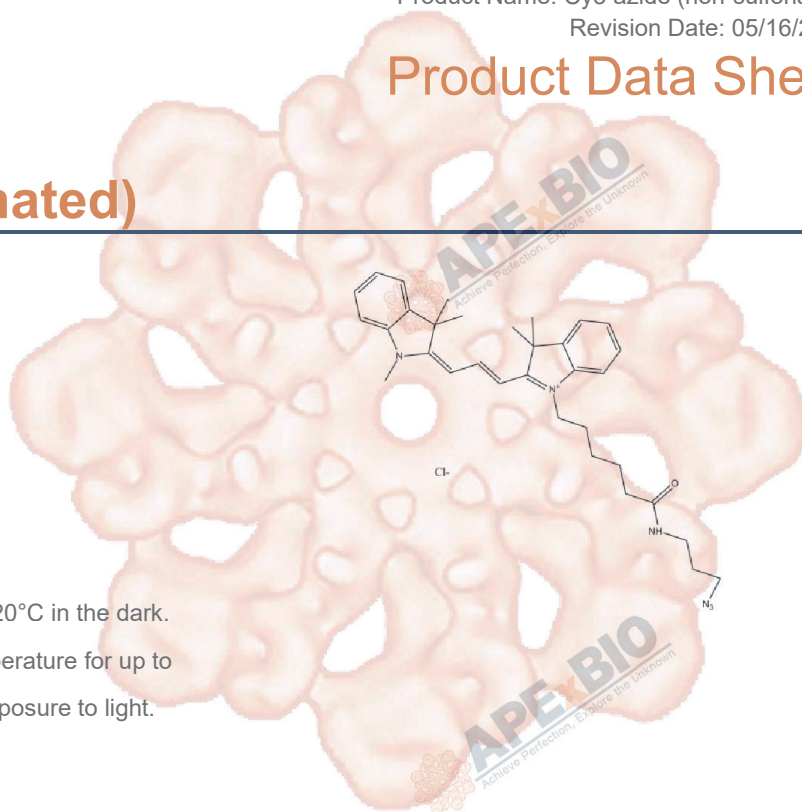


## Product Data Sheet

### Cy3 azide (non-sulfonated)

<b>Cat. No.:</b>	A8111
<b>CAS No.:</b>	
<b>Formula:</b>	C33H43ClN6O
<b>M.Wt:</b>	575.19
<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

≥28.75 mg/mL in DMSO; ≥14.77 mg/mL in H<sub>2</sub>O with ultrasonic; ≥77.2 mg/mL in EtOH with ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	<b>Concentration</b>			
	<b>1 mM</b>	1.7386 mL	8.6928 mL	17.3856 mL
	<b>5 mM</b>	0.3477 mL	1.7386 mL	3.4771 mL
	<b>10 mM</b>	0.1739 mL	0.8693 mL	1.7386 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. Short-term 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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