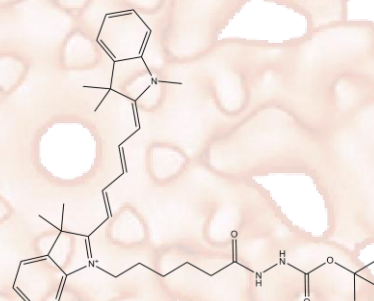


# Product Data Sheet

## Cy5 Boc-hydrazide (non-sulfonated)

<b>Cat. No.:</b>	A8144
<b>CAS No.:</b>	
<b>Formula:</b>	C <sub>37</sub> H <sub>49</sub> CIN <sub>4</sub> O <sub>3</sub>
<b>M.Wt:</b>	633.26
<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.



## Solvent & Solubility

good in dichloromethane, polar organic solvents (DMF, DMSO), alcohols, low in water

In Vitro

	Solvent Concentration	Mass	1mg	5mg	10mg
Preparing Stock Solutions	1 mM		1.5791 mL	7.8957 mL	15.7913 mL
	5 mM		0.3158 mL	1.5791 mL	3.1583 mL
	10 mM		0.1579 mL	0.7896 mL	1.5791 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 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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