

Product Data Sheet

Cy5 alkyne (non-sulfonated)

Cat. No.:	A8131
CAS No.:	
Formula:	C35H42ClN3O
M.Wt:	556.18
Synonyms:	
Target:	Fluorescent dyes
Pathway:	Cyanine dyes
Storage:	Store at -20°C



Solvent & Solubility

≥55.6 mg/mL in DMSO; insoluble in H₂O; ≥50 mg/mL in EtOH with ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	1.7980 mL	8.9899 mL	17.9798 mL
	5 mM	0.3596 mL	1.7980 mL	3.5960 mL
	10 mM	0.1798 mL	0.8990 mL	1.7980 mL

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

Biological Activity

Shortsummary

used for Click chemistry to label any molecule bearing azide group.

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on 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.

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