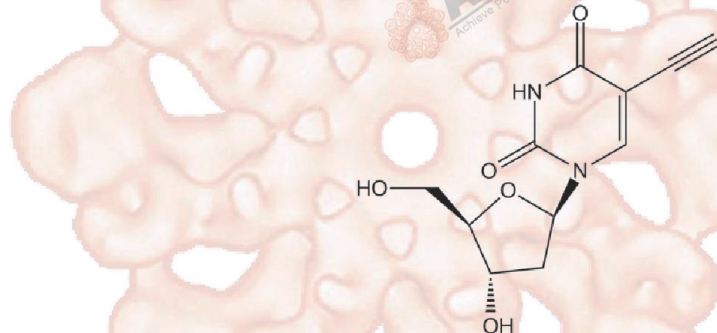


Product Data Sheet

5-Ethynyl-2'-deoxyuridine (5-EdU)

Cat. No.:	B8337
CAS No.:	61135-33-9
Formula:	C ₁₁ H ₁₂ N ₂ O ₅
M.Wt:	252.22
Synonyms:	
Target:	Modified Nucleotides
Pathway:	
Storage:	Store at -20°C



Solvent & Solubility

≥25.2 mg/mL in DMSO; insoluble in EtOH; ≥11.05 mg/mL in H₂O with ultrasonic

In Vitro	Preparing Stock Solutions	Mass			
		Solvent	1mg	5mg	10mg
			Concentration		
		1 mM	3.9648 mL	19.8240 mL	39.6479 mL
		5 mM	0.7930 mL	3.9648 mL	7.9296 mL
		10 mM	0.3965 mL	1.9824 mL	3.9648 mL

Please refer to the solubility information to select the appropriate solvent

Biological Activity

Shortsummary	Nucleoside analog of thymidine for fast and sensitive detection of DNA synthesis	
IC ₅₀ & 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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