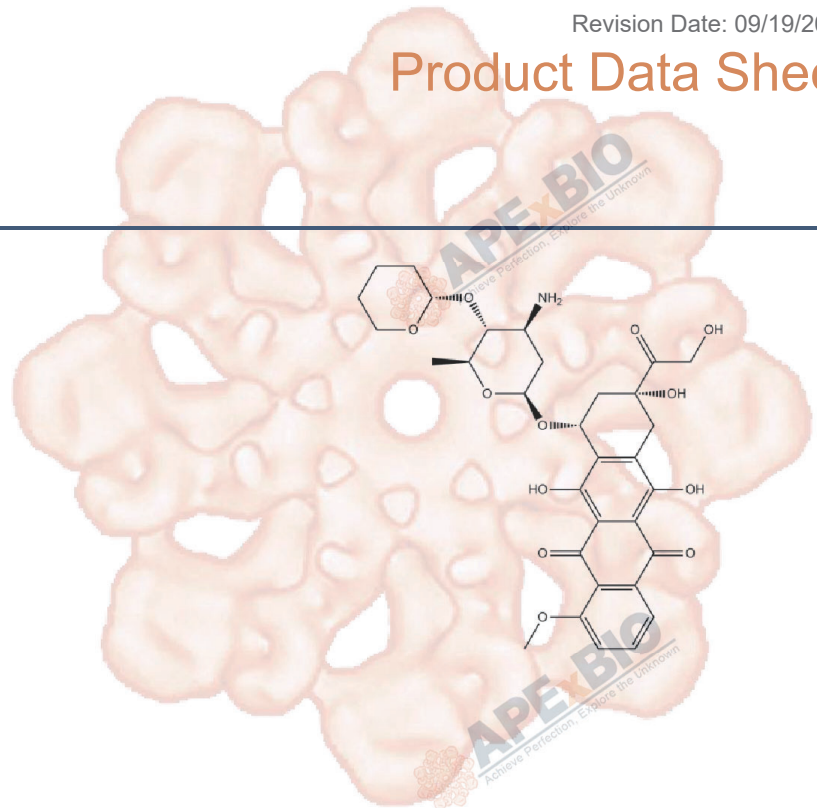


Product Data Sheet

Pirarubicin

Cat. No.:	B2295
CAS No.:	72496-41-4
Formula:	C32H37NO12
M.Wt:	627.64
Synonyms:	
Target:	DNA Damage/DNA Repair
Pathway:	Topoisomerase
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; insoluble in EtOH; ≥7.65 mg/mL in DMSO

In Vitro	Preparing Stock Solutions	Mass			
		Solvent	1mg	5mg	10mg
			Concentration		
		1 mM	1.5933 mL	7.9664 mL	15.9327 mL
		5 mM	0.3187 mL	1.5933 mL	3.1865 mL
		10 mM	0.1593 mL	0.7966 mL	1.5933 mL

Please refer to the solubility information to select the appropriate solvent

Biological Activity

Shortsummary	Topoisomerase II inhibitor;anthracycline antibiotic	
IC ₅₀ & Target		
In Vitro	Cell Viability Assay	
	Preparation method:	
In Vivo	Animal experiment	
	Applications:	

Product Citations

1. Krai Daowtak, Suchart Kothan, et al. "In vitro evaluation of P-glycoprotein functions in human neuroblastoma cell lines." Journal of Associated Medical Sciences. Vol 51 No 2 (2018): May-August.

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. 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.

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