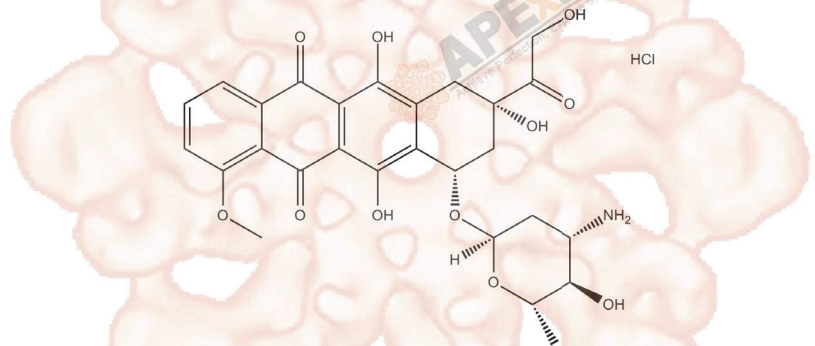


Product Data Sheet

Epirubicin HCl

Cat. No.:	A2451
CAS No.:	56390-09-1
Formula:	C ₂₇ H ₂₉ NO ₁₁ ·HCl
M.Wt:	579.98
Synonyms:	
Target:	DNA Damage/DNA Repair
Pathway:	Topoisomerase
Storage:	Store at -20°C



Solvent & Solubility

≥55.6 mg/mL in DMSO, ≥10.12 mg/mL in EtOH with ultrasonic and warming, ≥40.33 mg/mL in H₂O with gentle warming

In Vitro

Preparing Stock Solutions	Solvent	Mass Concentration	1mg	5mg	10mg
			1 mM	1.7242 mL	8.6210 mL
		5 mM	0.3448 mL	1.7242 mL	3.4484 mL
		10 mM	0.1724 mL	0.8621 mL	1.7242 mL

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

Biological Activity

Shortsummary

Antibiotic antitumor agent

 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 APEX BIO 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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