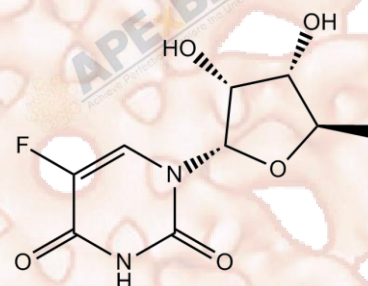


Product Data Sheet

Doxifluridine

Cat. No.:	B2092
CAS No.:	3094-09-5
Formula:	C ₉ H ₁₁ FN ₂ O ₅
M.Wt:	246.19
Synonyms:	
Target:	Apoptosis
Pathway:	Thymidylate Synthase
Storage:	Store at -20°C



Solvent & Solubility

In Vitro

 insoluble in EtOH; ≥ 10 mg/mL in DMSO; ≥ 11.66 mg/mL in H₂O with ultrasonic

	Solvent	Mass Concentration	1mg	5mg	10mg
Preparing Stock Solutions		1 mM	4.0619 mL	20.3095 mL	40.6190 mL
		5 mM	0.8124 mL	4.0619 mL	8.1238 mL
		10 mM	0.4062 mL	2.0310 mL	4.0619 mL

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

Biological Activity

Shortsummary

oral prodrug of the antineoplastic agent 5-fluorouracil (5-FU)

 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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