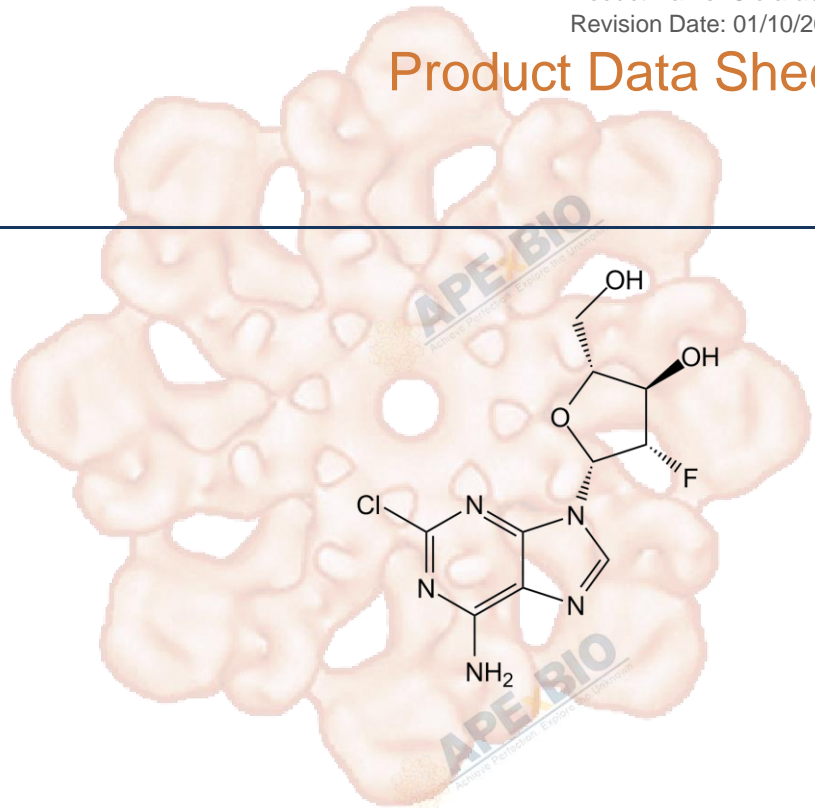


Product Data Sheet

Clofarabine

Cat. No.:	A1412
CAS No.:	123318-82-1
Formula:	C ₁₀ H ₁₁ ClFN ₅ O ₃
M.Wt:	303.68
Synonyms:	
Target:	DNA Damage/DNA Repair
Pathway:	DNA Synthesis
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; insoluble in EtOH; ≥15.18 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
		1 mM	3.2929 mL	16.4647 mL	32.9294 mL
		5 mM	0.6586 mL	3.2929 mL	6.5859 mL
		10 mM	0.3293 mL	1.6465 mL	3.2929 mL

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

Biological Activity

Shortsummary

Antimetabolite, inhibit DNA polymerase and ribonucleotide reductase

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. 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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