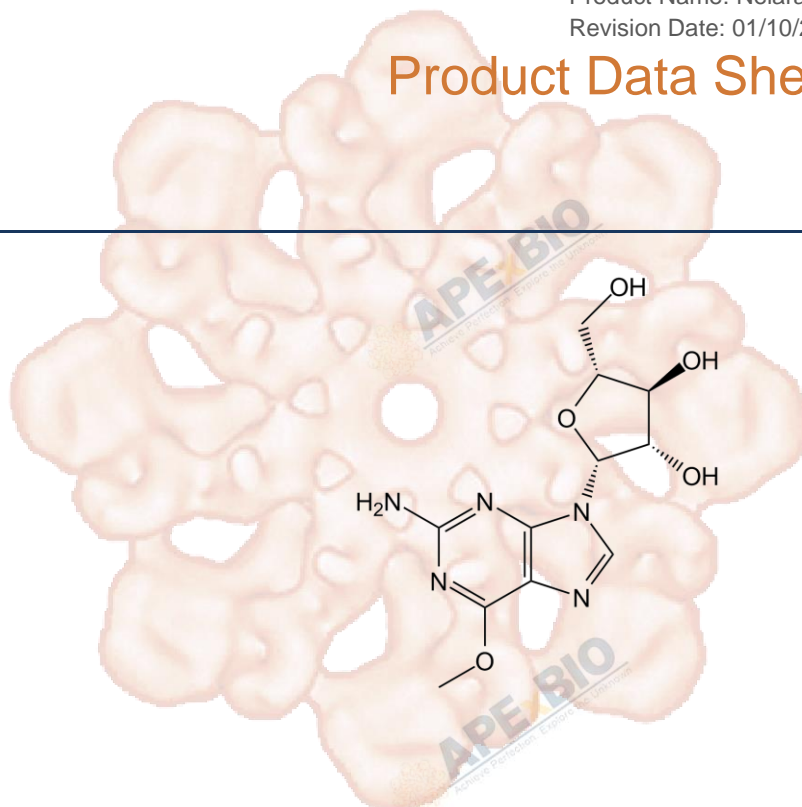


Product Data Sheet

Nelarabine

Cat. No.:	A1379
CAS No.:	121032-29-9
Formula:	C ₁₁ H ₁₅ N ₅ O ₅
M.Wt:	297.27
Synonyms:	
Target:	DNA Damage/DNA Repair
Pathway:	DNA Synthesis
Storage:	Store at -20°C



Solvent & Solubility

insoluble in EtOH; ≥ 14.85 mg/mL in DMSO; ≥ 2.77 mg/mL in H₂O with gentle warming and ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
		1 mM	3.3639 mL	16.8197 mL	33.6395 mL
		5 mM	0.6728 mL	3.3639 mL	6.7279 mL
		10 mM	0.3364 mL	1.6820 mL	3.3639 mL

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

Biological Activity

Shortsummary

Prodrug of ara-G for T-LBL/T-ALL

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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