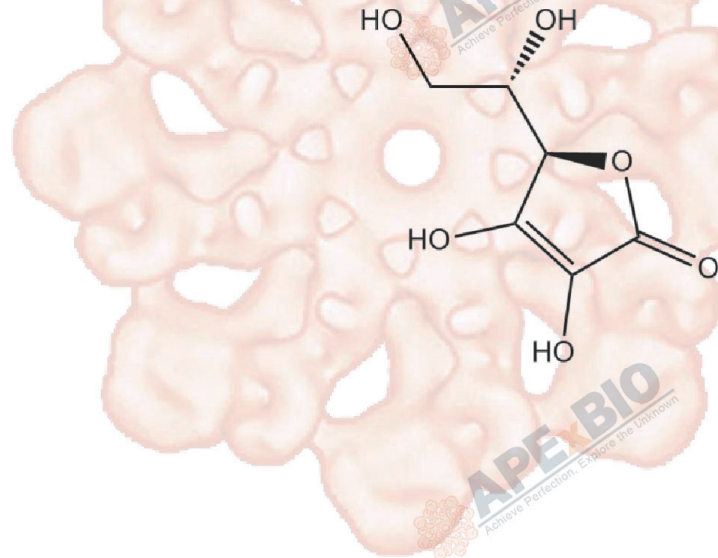


Product Data Sheet

Vitamin C

Cat. No.:	B2064
CAS No.:	50-81-7
Formula:	C ₆ H ₈ O ₆
M.Wt:	176.12
Synonyms:	
Target:	Others
Pathway:	Others
Storage:	Store at -20°C



Solvent & Solubility

≥12.2 mg/mL in EtOH with ultrasonic; ≥5.8 mg/mL in DMSO; ≥57.9 mg/mL in H₂O

In Vitro	Preparing Stock Solutions	Mass			
		Solvent	1mg	5mg	10mg
		Concentration			
		1 mM	5.6779 mL	28.3897 mL	56.7795 mL
		5 mM	1.1356 mL	5.6779 mL	11.3559 mL
		10 mM	0.5678 mL	2.8390 mL	5.6779 mL

Please refer to the solubility information to select the appropriate solvent

Biological Activity

Shortsummary	water soluble vitamin	
IC ₅₀ & Target		
In Vitro	Cell Viability Assay	
	Preparation method:	
In Vivo	Animal experiment	
	Applications:	

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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