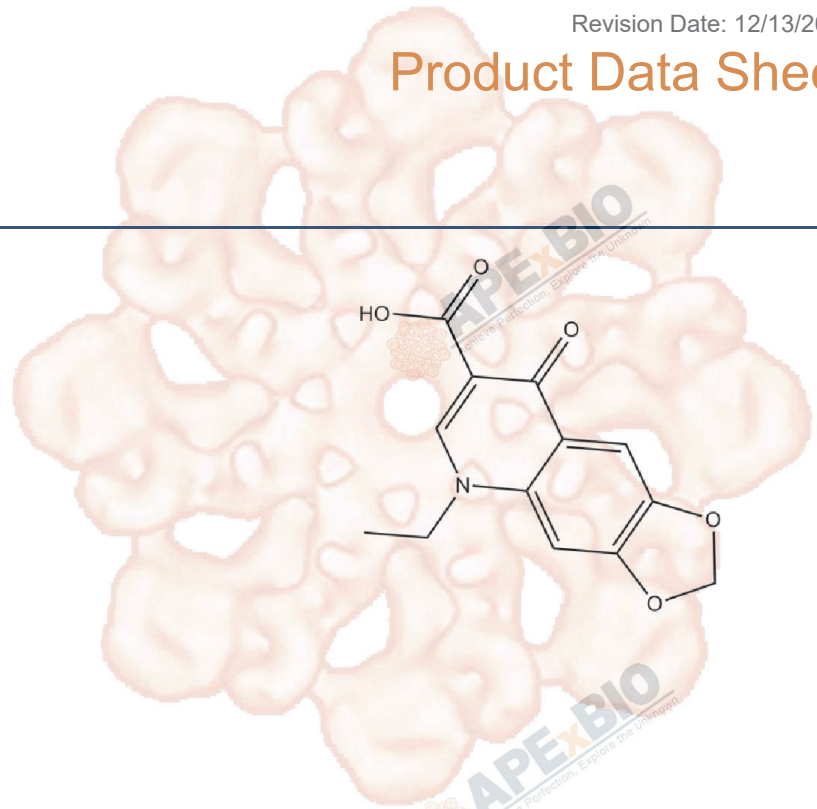


Product Data Sheet

Oxolinic acid

Cat. No.:	B6129
CAS No.:	14698-29-4
Formula:	C ₁₃ H ₁₁ NO ₅
M.Wt:	261.23
Synonyms:	
Target:	Microbiology & Virology
Pathway:	Antibiotic
Storage:	Store at -20°C



Solvent & Solubility

≥2.09 mg/mL in DMSO with ultrasonic; insoluble in EtOH; insoluble in H₂O

In Vitro	Preparing Stock Solutions	Mass			
		Solvent Concentration	1mg	5mg	10mg
		1 mM	3.8280 mL	19.1402 mL	38.2804 mL
		5 mM	0.7656 mL	3.8280 mL	7.6561 mL
		10 mM	0.3828 mL	1.9140 mL	3.8280 mL

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

Biological Activity

Shortsummary	quinolone antibiotic that inhibits bacterial DNA gyrase	
IC ₅₀ & 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. 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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