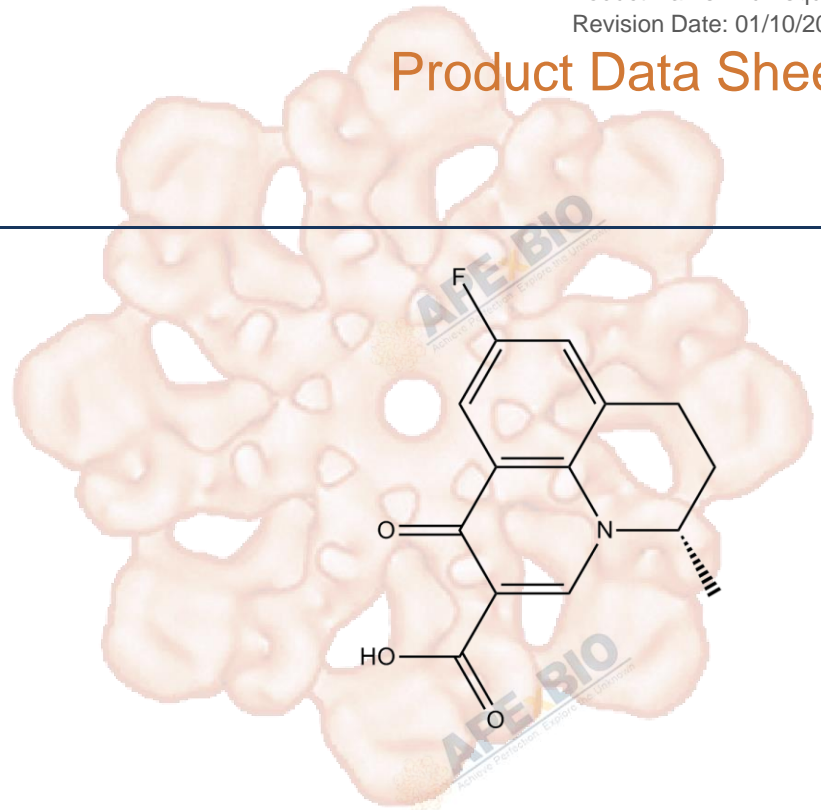


Product Data Sheet

Flumequine

Cat. No.:	B2292
CAS No.:	42835-25-6
Formula:	C ₁₄ H ₁₂ FNO ₃
M.Wt:	261.25
Synonyms:	
Target:	DNA Damage/DNA Repair
Pathway:	Topoisomerase
Storage:	Store at -20°C



Solvent & Solubility

insoluble in EtOH; insoluble in H₂O; ≥9.35 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass		
		1mg	5mg	10mg
	1 mM	3.8278 mL	19.1388 mL	38.2775 mL
	5 mM	0.7656 mL	3.8278 mL	7.6555 mL
	10 mM	0.3828 mL	1.9139 mL	3.8278 mL

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

Biological Activity

Shortsummary

DNA topoisomerase II inhibitor, synthetic chemotherapeutic antibiotic

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. 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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