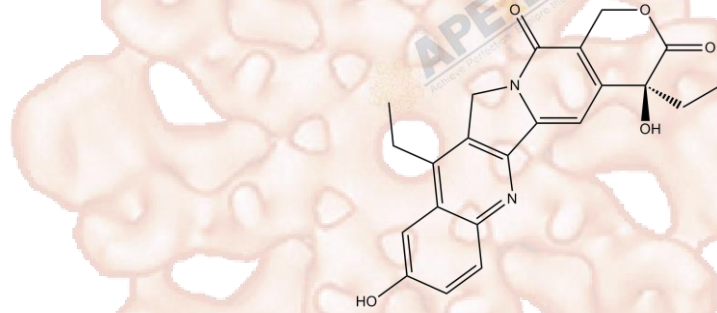


Product Data Sheet

7-Ethyl-10-hydroxycamptothecin

Cat. No.:	N2133
CAS No.:	86639-52-3
Formula:	C ₂₂ H ₂₀ N ₂ O ₅
M.Wt:	392.4
Synonyms:	
Target:	Natural Products
Pathway:	
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; insoluble in EtOH; ≥11.15 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass Concentration	Mass		
			1mg	5mg	10mg
		1 mM	2.5484 mL	12.7421 mL	25.4842 mL
		5 mM	0.5097 mL	2.5484 mL	5.0968 mL
		10 mM	0.2548 mL	1.2742 mL	2.5484 mL

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

Biological Activity

Shortsummary

TOPO I inhibitor

IC₅₀ & Target

77 nM (DNA topoisomerase I)

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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