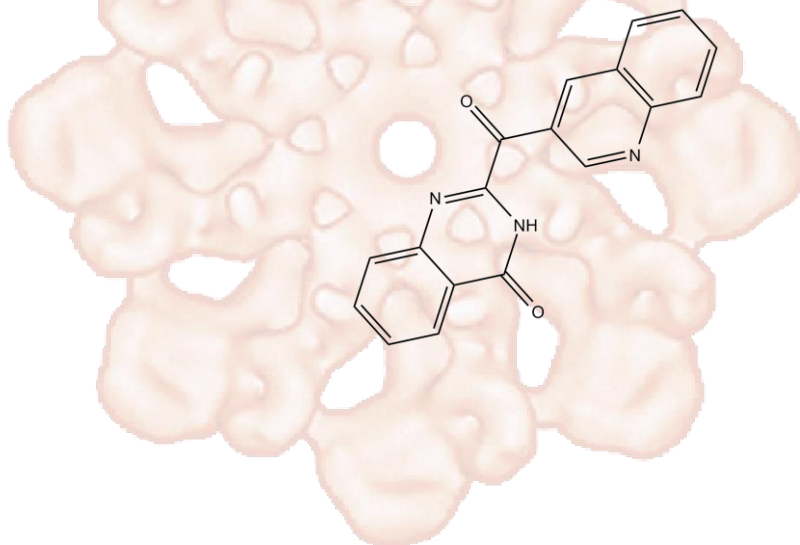


Product Data Sheet

Luotonin F

Cat. No.:	C4228
CAS No.:	244616-85-1
Formula:	C ₁₈ H ₁₁ N ₃ O ₂
M.Wt:	301.3
Synonyms:	
Target:	DNA Damage/DNA Repair
Pathway:	Topoisomerase
Storage:	Store at -20°C



Solvent & Solubility

≤2.5mg/ml in DMSO; 2.5mg/ml in dimethyl formamide

In Vitro

	Solvent Concentration	Mass	1mg	5mg	10mg
Preparing Stock Solutions	1 mM		3.3190 mL	16.5948 mL	33.1895 mL
	5 mM		0.6638 mL	3.3190 mL	6.6379 mL
	10 mM		0.3319 mL	1.6595 mL	3.3190 mL

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

Biological Activity

Shortsummary

stabilizing the DNA topoisomerase I-DNA complex

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 APEX BIO 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.

APEX BIO Technology

www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com

