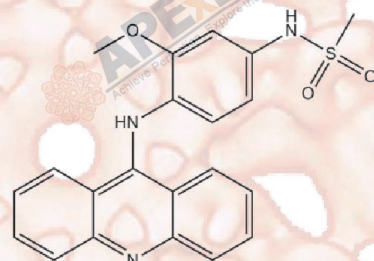


Product Data Sheet

Amsacrine

Cat. No.:	B1302
CAS No.:	51264-14-3
Formula:	C ₂₁ H ₁₉ N ₃ O ₃ S
M.Wt:	393.46
Synonyms:	
Target:	DNA Damage/DNA Repair
Pathway:	Topoisomerase
Storage:	Store at -20°C



Solvent & Solubility

≥26.5 mg/mL in DMSO; ≥2.67 mg/mL in EtOH with ultrasonic; insoluble in H₂O

In Vitro		Solvent \ Mass Concentration	1mg	5mg	10mg
	Preparing				
	Stock Solutions	1 mM	2.5416 mL	12.7078 mL	25.4155 mL
		5 mM	0.5083 mL	2.5416 mL	5.0831 mL
		10 mM	0.2542 mL	1.2708 mL	2.5416 mL

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

Biological Activity

Shortsummary	Topoisomerase 2 inhibitor	
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.

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