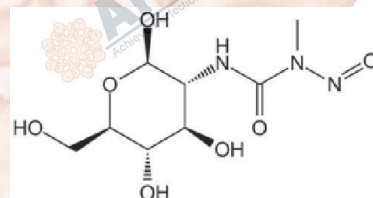


Product Data Sheet

Streptozocin

Cat. No.:	A4457
CAS No.:	18883-66-4
Formula:	C ₈ H ₁₅ N ₃ O ₇
M.Wt:	265.22
Synonyms:	
Target:	Apoptosis
Pathway:	Apoptosis Inducers
Storage:	Store at -20°C



Solvent & Solubility

≥10.3 mg/mL in DMSO; ≥26.5 mg/mL in EtOH with gentle warming; ≥53.2 mg/mL in H₂O

In Vitro	Preparing Stock Solutions	Mass		1mg	5mg	10mg
		Solvent	Concentration			
		1 mM	3.7705 mL	18.8523 mL	37.7045 mL	
		5 mM	0.7541 mL	3.7705 mL	7.5409 mL	
		10 mM	0.3770 mL	1.8852 mL	3.7705 mL	

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

Biological Activity

Shortsummary	Antibiotic and antitumor agent	
IC ₅₀ & Target		
In Vitro	Cell Viability Assay	
	Preparation method:	
In Vivo	Animal experiment	
	Applications:	

Product Citations

1. Ivana Stojanovic', Katarina Šavikin, et al. "Pomegranate peel extract ameliorates autoimmunity in animal modelsof multiple sclerosis and type 1 diabetes." Journal of Functional Foods 35 (2017) 522–530.

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.

APExBIO 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