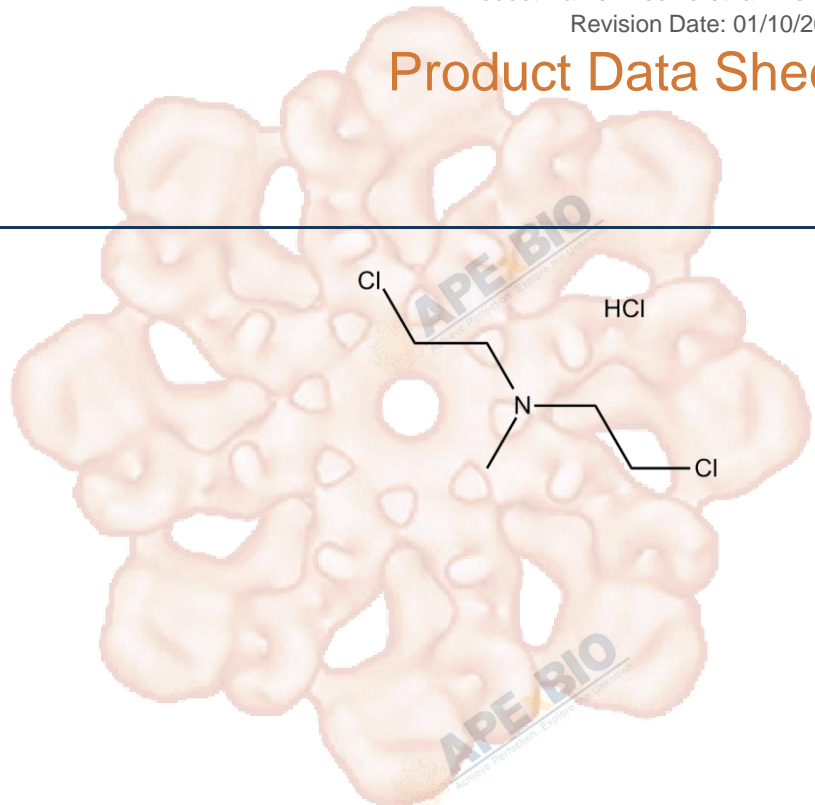


Product Data Sheet

Mechlorethamine HCl

Cat. No.: B1785
CAS No.: 55-86-7
Formula: C₅H₁₁Cl₂N·HCl
M.Wt: 192.51
Synonyms:
Target:
Pathway:
Storage: Store at -20°C



Solvent & Solubility

≥47.5 mg/mL in EtOH; ≥57.3 mg/mL in H₂O; ≥9.65 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass	Concentration		
			1mg	5mg	10mg
	1 mM		5.1945 mL	25.9727 mL	51.9454 mL
	5 mM		1.0389 mL	5.1945 mL	10.3891 mL
	10 mM		0.5195 mL	2.5973 mL	5.1945 mL

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

Biological Activity

Shortsummary

DNA synthesis inhibitor

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

