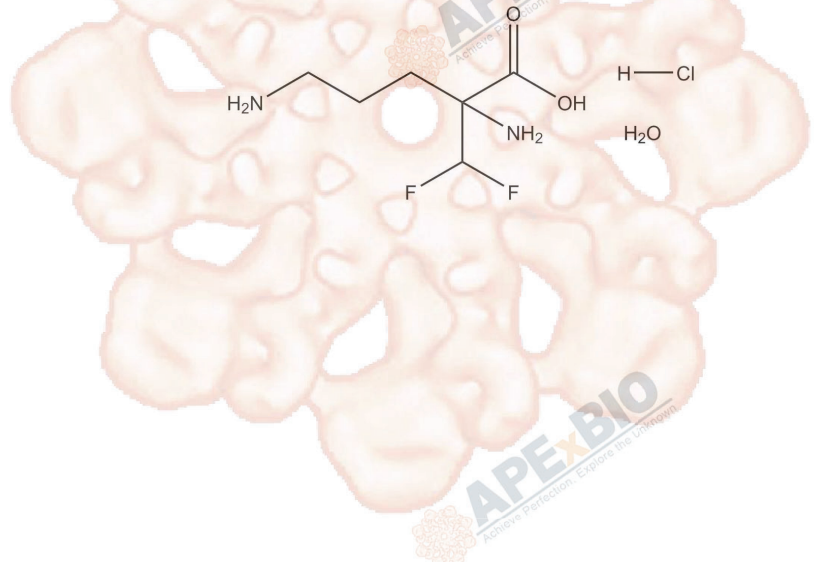


Product Data Sheet

DL- α -Difluoromethylornithine (hydrochloride hydrate)

Cat. No.:	C3328
CAS No.:	96020-91-6
Formula:	C ₆ H ₁₂ F ₂ N ₂ O ₂ ·HCl [H ₂ O]
M.Wt:	236.6
Synonyms:	DFMO, Eflornithine
Target:	Metabolism
Pathway:	ornithine decarboxylase
Storage:	Store at -20°C



Solvent & Solubility

≥ 11.55mg/mL in H₂O

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass		
		1mg	5mg	10mg
	1 mM	4.2265 mL	21.1327 mL	42.2654 mL
	5 mM	0.8453 mL	4.2265 mL	8.4531 mL
	10 mM	0.4227 mL	2.1133 mL	4.2265 mL

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

Biological Activity

Shortsummary: ornithine decarboxylase inhibitor, irreversible

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 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

