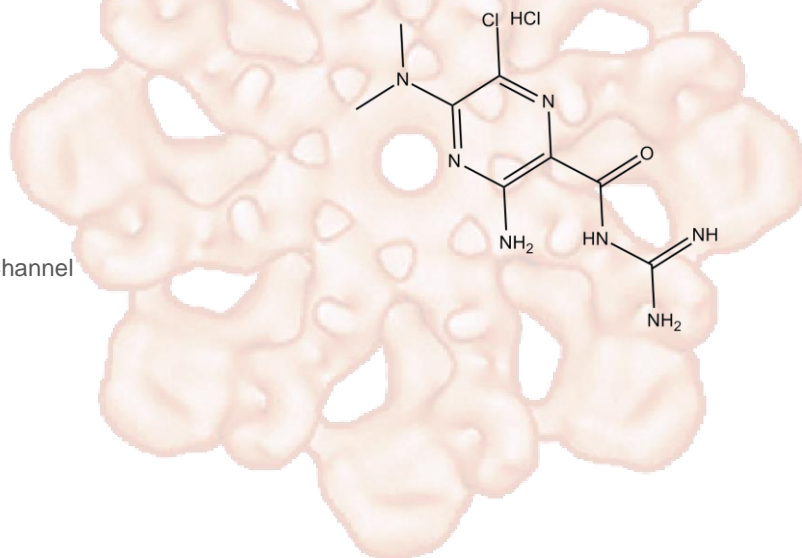


Product Data Sheet

5-(N,N-dimethyl)-Amiloride (hydrochloride)

Cat. No.:	C3505
CAS No.:	2235-97-4
Formula:	C ₈ H ₁₂ ClN ₇ O·HCl
M.Wt:	294.1
Synonyms:	DMA,L-591,605,MK-685
Target:	Membrane Transporter/Ion Channel
Pathway:	sodium-hydrogen exchanger
Storage:	Store at -20°C



Solvent & Solubility

≤30mg/ml in DMSO;30mg/ml in dimethyl formamide

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass	1mg	5mg	10mg
	1 mM		3.4002 mL	17.0010 mL	34.0020 mL
	5 mM		0.6800 mL	3.4002 mL	6.8004 mL
	10 mM		0.3400 mL	1.7001 mL	3.4002 mL

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

Biological Activity

Shortsummary

NHE1, NHE2, and NHE3 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.

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