Amiloride . hydrochloride . dihydrate

Ca^{2+} channel inhibitor

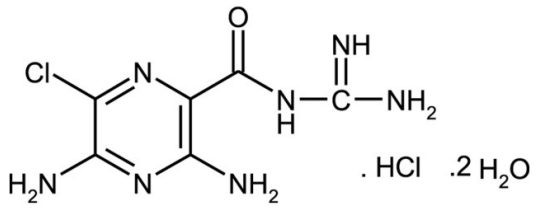
Selectively blocks low threshold (T-type) calcium channel (K_D=30μM) with no effect on L-type channels or tetrodotoxin Na^+ channels. Inhibits the epithelial tetrodotoxin insensitive Na^+ channel (IC_{50} =1μM). Clinically useful K^+ sparing diuretic.

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Ordering Information Order Online »

ALX-550-212-G001	1g

Manuals, SDS & CofA View Online »


O
NH
Cl
N
N
C
NH2
H
H2N
N
NH2
. HCl .2 H2O

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	Ambient
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	3,5-Diamino-N-(aminoiminomethyl)-6-chloropyrazinecarboxamide . HCl . 2H2O
Appearance	Light yellow solid.
CAS	17440-83-4
Couple Target	Calcium channel
Couple Type	Inhibitor
Formula	$C_6H_8ClN_7O$. HCl . $2H_2O$
MW	229.6 . 36.5 . 36.0
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO (25mg/ml) or water (1mg/ml warm).

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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