Flunarizine . dihydrochloride

Ca^{2+} channel inhibitor

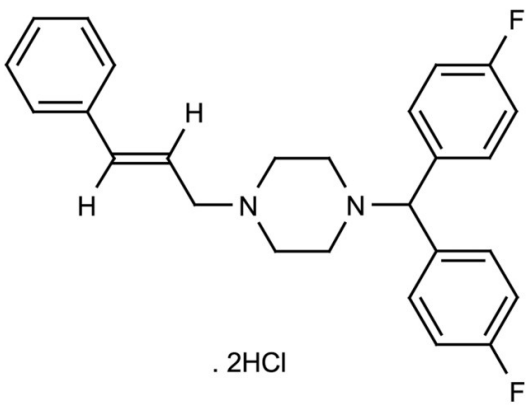
Selectively blocks the low threshold (T-type) calcium channel in rat hippocampal CA1 pyramidal neurons. Inhibits Ca^{2+}-influx-induced vasoconstriction of peropheral and cerebral blood vessels with little effect on myogenic activity and Ca^{2+}-depenent myocardial contractility.

Citations: 3 View Online »

Ordering Information Order Online »

ALX-550-268-G001	1g

Manuals, SDS & CofA View Online »


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. 2HCl
F

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	1-[bis(4-Fluorophenyl)methyl]-4-(3-phenyl-2-propenyl)piperazine . 2HCl
Appearance	White solid.
CAS	30484-77-6
Couple Target	Calcium channel
Couple Type	Inhibitor
Formula	$C_{26}H_{26}F_2N_2$. 2HCl
Identity	Determined by IR.
MI	**14:** 4144
MW	404.5 . 72.9
Purity	≥99% (HPLC)
Solubility	Soluble in DMSO (25mg/ml), 100% ehanol (5mg/ml) or chloroform:methanol (1:1; 50mg/ml)

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