Niguldipine . HCl

Ca^{2+} channel blocker

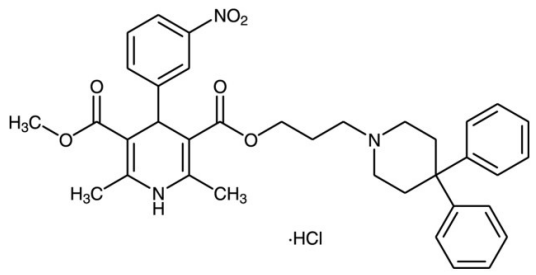
A classic L-type Ca^{2+} channel blocker (IC_{50}=75nM) which can also inhibit T-type Ca^{2+} channels (IC_{50}=244nM). It is a novel inhibitor of drug transport by p-glycoprotein (both stereoisomers are equipotent at inhibition of p-glycoprotein).

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Ordering Information Order Online »

BML-CA216-0050	50mg

Manuals, SDS & CofA View Online »


NO2
O
O
H3C
O
O
N
H3C
N
H
CH3
·HCl

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least 1 year after receipt when stored, as supplied, at room temperature. Stock solutions are stable for up to 3 months at -20°C.
Handling	Protect from light.
Long Term Storage	Ambient
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	(±)-Niguldipine . hydrochloride, (±)-1,4-Dihydro-2,6-dimethyl-4-(3'-nitrophenyl)-3,5-pyridinedicarboxylic acid 3-(4',4'-diphenyl-1'-piperidinyl)propylmethyl ester . HCl
Appearance	Yellow crystalline solid.
CAS	119934-51-9
Couple Target	Calcium channel
Couple Type	Blocker
Formula	$C_{36}H_{39}N_3O_6$. HCl
MW	646.2
Purity	≥95% (TLC)
Solubility	Soluble in DMSO or methanol.

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