SK&F 96365

TRP channel blocker

A novel, selective inhibitor of receptor-mediated calcium entry. It inhibits receptor-mediated calcium entry in stimulated platelets (IC_{50}=8-12μM) neutrophils and endothelial cells at concentrations which do not affect internal Ca^{2+} release. Note, in some cells SK&F 96365 can activate a novel Ca^{2+} entry pathway. Blocks TRPC3 and TRPC6 activation. Inhibits the histamine-induced formation of nitric oxide in human endothelial cells.

Citations: 8 View Online »

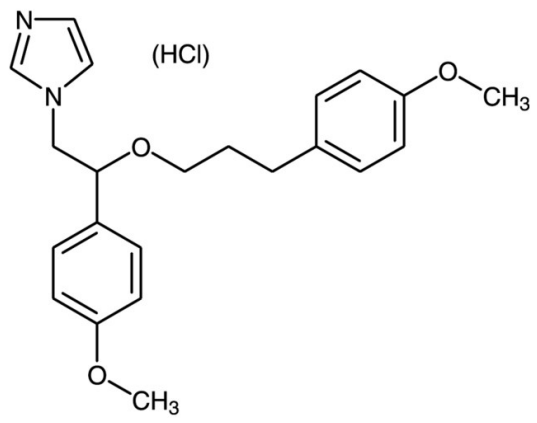
Ordering Information

Order Online »

BML-CA230-0005	5mg

Manuals, SDS & CofA

View Online »


N
(HCl)
N
O
O
CH3
O
CH3

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.
Long Term Storage	Ambient
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	1-[β-[3-(4-Methoxyphenyl)propoxy]-4-methoxyphenethyl]-1H-imidazole . HCl, SKF-96365 . hydrochloride
Appearance	White solid.
CAS	130495-35-1
Couple Target	Calcium, TRP channel
Couple Type	Blocker
Formula	$C_{22}H_{26}N_2O_3$. HCl
MW	402.9
MeltingPoint	117-119°C
Purity	≥98% (HPLC)
Solubility	Soluble in water (30mg/ml).

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