H-7

PKC inhibitor

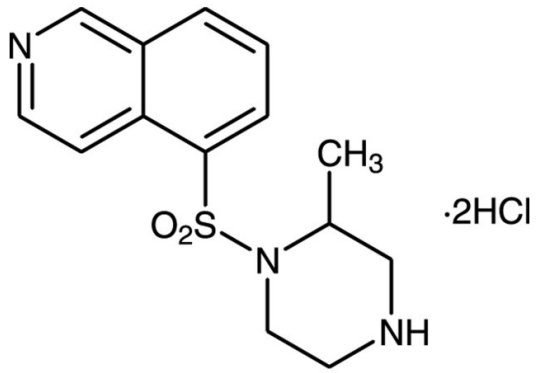
Inhibits PKA (K_i=3.0μM), PKG (K_i=5.8μM), MLCK (K_i=97μM) and PKC (K_i =6μM). Also inhibits myosin light chain kinase. Induces apoptotic DNA fragmentation and cell death. Inhibits telomerase activity in treated NPC-076 cells. Cell permeable.

Citations: 11 View Online »

Ordering Information Order Online »

BML-EI148-0010	10mg

Manuals, SDS & CofA View Online »


N
CH3
O2S
N
NH
·2HCl

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store, as supplied, at 0-4°C for up to 1 year. Store solutions at -20°C for up to 3 months.
Handling	Protect from light.
Long Term Storage	+4°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	(±)-1-(5-Isoquinolinesulfonyl)-2-methylpiperazine . 2HCl
Appearance	White to light yellow solid.
CAS	108930-17-2
Couple Target	MLCK, PKA, PKC, PKG, Telomerase
Couple Type	Inhibitor
Formula	$C_{14}H_{17}N_3O_2S$. 2 HCl
MW	364.3
Purity	≥98% (TLC)
Solubility	Soluble in water (50mg/ml), 100% ethanol or DMSO.

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