KN-93

CaM kinase inhibitor

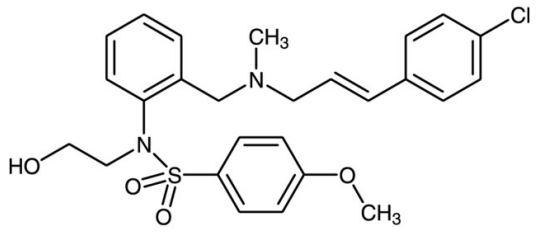
KN-93 is a potent, selective and cell-permeable inhibitor of CaM kinase II (IC_{50}=370 nM). Does not significantly inhibit PKA. Causes cell-cycle arrest in NIH 3T3 fibroblasts and HeLa cells. Inhibits glucose-induced and forskolin-stimulated insulin release from isolated pancreatic islets of Langerhans. Induces G_1 cell cycle arrest and apoptosis in NIH 3T3 cells.

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Ordering Information Order Online »

BML-EI268-0001	1mg

Manuals, SDS & CofA View Online »


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Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least 2 years after receipt. Stock solutions are stale for up to 3 months when stored at -20°C.
Handling	Protect from light. Hygroscopic.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	white to off-white solid
CAS	139298-40-1
Couple Target	CaM kinase
Couple Type	Inhibitor
Formula	$C_{26}H_{29}ClN_2O_4S$
MW	501
Purity	≥95% (HPLC)
Solubility	Soluble in DMSO (25mg/ml).

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