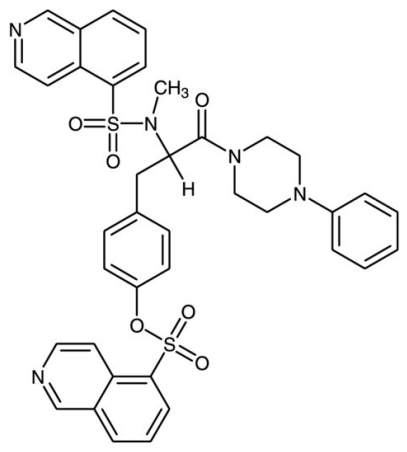
KN-62

CaM kinase inhibitor

KN-62 is a potent and selective inhibitor of Ca^{2+}/calmodulin kinase II (K_i =0.9 μM). Causes cells to arrest in S phase. In HEK-293 cells expressing type III adenylyl cyclase (III-AC), 10 μM blocked CaMKII phosphorylation of III-AC and inhibited hormone-stimulated Ca^{2+} oscillations.

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Manuals, SDS & CofA View Online »


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CH3
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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

Appearance	White to yellow solid.
CAS	127191-97-3
Couple Target	CaM kinase
Couple Type	Inhibitor
Formula	$C_{38}H_{35}N_5O_6S_2$
Identity	Determined by 1H-NMR.
MW	721.8
Purity	≥98% (TLC)
Solubility	Soluble in methanol and DMSO (50mg/ml)

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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