K-252b

PKC inhibitor

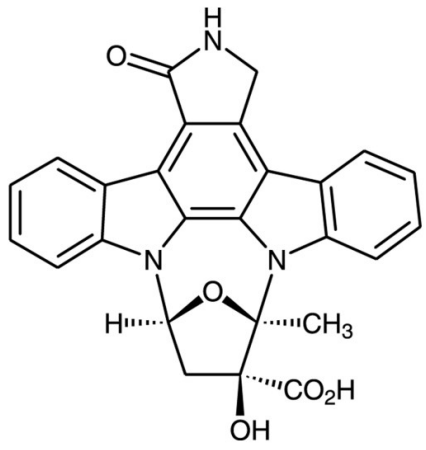
General, cell permeable protein kinase inhibitor. Acts by binding to the ATP binding domain of the kinase. Potent inhibitor of Ca^{2+}/calmodulin kinase II. Inhibits myosin light chain kinase (MLCK; K_i=0.147µM), cAMP- dependent protein kinase (PKA; K_i=0.09µM), protein kinase C (PKC; K_i=0.02µM), and cGMP-dependent protein kinase (PKG; K_i=0.1µM).

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Ordering Information Order Online »

BML-EI234-0100	100µg

Manuals, SDS & CofA View Online »


H
N
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N
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H
CH3
CO2H
OH

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 0-4°C. Stock solutions are stable for up to 3 months at -20°C.
Handling	Protect from light.
Long Term Storage	+4°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White solid.
CAS	99570-78-2
Couple Target	CaM kinase, MLCK, PKA, PKC, PKG
Couple Type	Inhibitor
Formula	$C_{26}H_{19}N_3O_5$
MW	453.5
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO (1mg/ml) or dimethyl formamide (1mg/ml).

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