PD-98059

MEK inhibitor

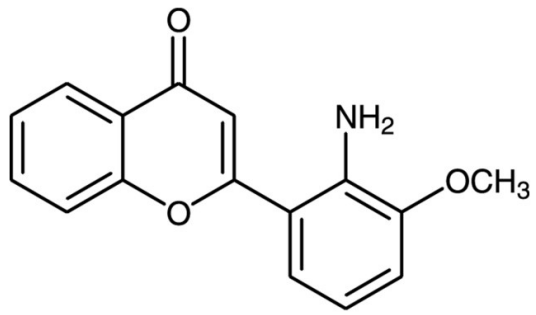
PD-98059 is a potent and selective inhibitor of MAP kinase kinase (MEK). It selectively blocks the activation of MEK thereby inhibiting the phosphorylation and the activation of MAP kinase. PD-98059 is cell permeable. In PC12 pheochromocytoma cells, it completely blocked the increase in MAP kinase activity produced by NGF, IC_{50}=2μM. Enhances self-renewal of embryonic stem cells PD-98059 is an invaluable tool to help elucidate the role of the MAPK cascade in a variety of biological systems. Inhibits cell growth and proliferation in acute myelogenous leukemia cell lines by causing cell arrest.

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Ordering Information Order Online »

BML-EI360-0005	5mg

Manuals, SDS & CofA View Online »


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NH2
OCH3
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Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Protect from light.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	Pale yellow solid
CAS	167869-21-8
Couple Target	MEK
Couple Type	Inhibitor
Formula	$C_{16}H_{13}NO_3$
MW	267.3
Purity	≥95% (HPLC)
Solubility	Soluble in DMSO (6.5mg/ml); 25mg/ml in anhydrous DMSO), methanol, dichlormethane and 100% ethanol (0.6mg/ml).
Technical Info / Product Notes	Replacement for **ADI-HPK-107**

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