PP1

Src kinase inhibitor

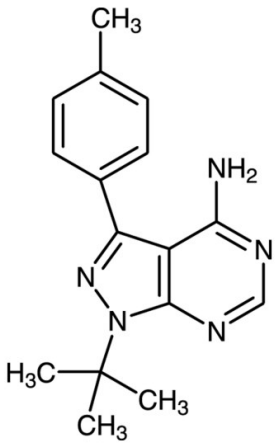
A highly potent and selective inhibitor of Src family tyrosine kinases, IC_{50} =5 nM for $p56^{lck}$; $p59^{fynT}$=6 nM; $p60^{src}$=170 nM. Inhibition of Src family kinases by PP1 has been shown to: prevent a-thrombin-stimulated Akt phosphorylation, delay PAF-mediated STAT3 phosphorylation, block Zn^{2+}-induced Ras activation, block adhesion-dependent tyrosine phosphorylation of $p105^{HEF1}$ [5], and inhibit HLA-DR-induced tyrosine phosphorylation without affecting the activation of ERK1/2.

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Ordering Information Order Online »

BML-EI275-0001	1mg
BML-EI275-0005	5mg

Manuals, SDS & CofA View Online »

CH3
NH2
N
N
N
N
H3C
CH3
CH3

Handling & Storage

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

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	Tan solid.
CAS	172889-26-8
Couple Target	Src kinase
Couple Type	Inhibitor
Formula	$C_{16}H_{19}N_5$
MW	281.4
Purity	≥98% (TLC)
Solubility	Soluble in DMSO (25mg/ml), slightly soluble in 100% ethanol.

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