PP2

Src kinase inhibitor

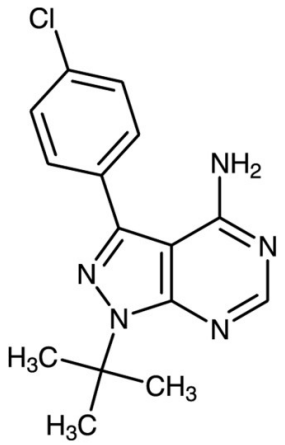
A potent and selective inhibitor of the Src family tyrosine kinases. Inhibits Lck (IC_{50}=4 nM), Fyn (IC_{50}=5 nM), and Hck (IC_{50}=5 nM). It displays weaker inhibition of EGFR (IC_{50}=480 nM) and no inhibition of ZAP-70 (IC_{50} 100 µM) and JAK2 (IC_{50}50 µM). PP2 is a useful tool for probing the involvement of Src family tyrosine kinases in cellular signaling.

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Ordering Information Order Online »

BML-EI297-0005	5mg

Manuals, SDS & CofA View Online »

Cl
NH2
N
N
N
N
H3C
CH3
H3C

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

Alternative Name	AG1879, 4-Amino-5-(4-chlorophenyl)-7-(t-butyl)pyrazolo[3,4-d]pyrimidine
Appearance	Off-white solid.
CAS	172889-27-9
Couple Target	Src kinase
Couple Type	Inhibitor
Formula	$C_{15}H_{16}ClN_5$
MW	301.8
Purity	≥98% (TLC)
Solubility	Soluble in DMSO (25mg/ml).

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