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## DATASHEET

PP 3

### Product overview

<b>Name</b>	PP 3
<b>Cat No</b>	HB1336
<b>Biological action</b>	Inhibitor
<b>Purity</b>	>98%
<b>Description</b>	PP 2 negative control

### Biological Data

<b>Biological description</b>	PP 2 (Src kinase inhibitor) negative control. Does not inhibit Src family kinases. Inhibits EGFR kinase and CK1 $\delta$ (IC <sub>50</sub> values are 2.7 and 9.9 $\mu$ M respectively).
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### Solubility & Handling

<b>Storage instructions</b>	-20 °C
<b>Solubility overview</b>	Soluble in DMSO (100mM) or ethanol (25mM)
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

### Chemical Data

<b>Chemical name</b>	1-Phenyl-1 <i>H</i> -pyrazolo[3,4- <i>d</i> ]pyrimidin-4-amine
<b>Molecular Weight</b>	211.22
<b>Chemical structure</b>	
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>9</sub> N <sub>5</sub>
<b>CAS Number</b>	5334-30-5
<b>PubChem identifier</b>	4879
<b>SMILES</b>	NC1=NC=NC2=C1C=NN2C3=CC=CC=C3
<b>InChiKey</b>	KKDPIZPUTYIBFX-UHFFFAOYSA-N

### References

**Src family kinase inhibitor PP2 efficiently inhibits cervical cancer cell proliferation through down-regulating phospho-Src-Y416 and phospho-EGFR-Y1173.**

Kong L *et al* (2011) Mol Cell Biochem 348(1-2)  
**PubMedID** [21052789](#)

**The specificities of protein kinase inhibitors: an update.**

Bain J *et al* (2003) Biochem J 371(Pt 1)  
**PubMedID** [12534346](#)

**Use of a pharmacophore model for the design of EGF-R tyrosine kinase inhibitors: 4-(phenylamino)pyrazolo[3,4-*d*]pyrimidines.**

