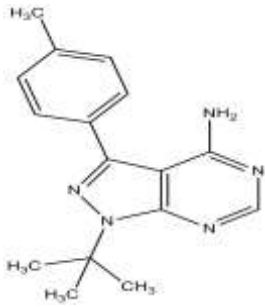


## PP1

<b>ALTERNATE NAME:</b>	1-(1,1-Dimethylethyl)-1-(4-methylphenyl)-1H-pyrazolo[3,4-d]pyrimidin-4-amine
<b>CATALOG #:</b>	1927-1, 5
<b>AMOUNT:</b>	1 mg, 5 mg
<b>STRUCTURE:</b>	
<b>MOLECULAR FORMULA:</b>	C <sub>16</sub> H <sub>19</sub> N <sub>5</sub>
<b>MOLECULAR WEIGHT:</b>	281.36
<b>CAS NUMBER:</b>	172889-26-8
<b>APPEARANCE:</b>	White to off-white solid
<b>SOLUBILITY:</b>	DMSO (25 mg/ml) or Ethanol (10 mg/ml)
<b>PURITY:</b>	≥98% by TLC
<b>STORAGE:</b>	Store at -20 °C
<b>DESCRIPTION:</b>	Cell-permeable. A potent Src-selective tyrosine kinase (TK) inhibitor. Inhibits p56 <sup>lck</sup> and p59 <sup>lyn</sup> (IC <sub>50</sub> values are 5 and 6 nM respectively). Displays > 8000-fold selectivity over ZAP-70 and JAK2. Also inhibits Kit and Bcr-Abl tyrosine kinases.
<b>REFERENCES:</b>	Tatton, L., <i>et al.</i> (2003). <i>J. Biol. Chem.</i> <b>278</b> , 4847-4853; Hanke, J.H., <i>et al.</i> (1996). <i>J. Biol. Chem.</i> <b>271</b> , 695-701.
<b>HANDLING:</b>	Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**FOR RESEARCH USE ONLY! Not to be used on humans.**

### RELATED PRODUCTS:

- A 83-01 (Cat. No. 1725-1)
- ABT-869 (Cat. No. 1615-1,5)
- Axitinib (Cat. No. 1581-5, 25)
- BIBW2992 (Cat. No. 1616-1,5)
- BMS-599626 (Cat. No. 1614-1,5)
- Bosutinib (Cat. No. 1584-5, 25)
- Canertinib (Cat. No. 1617-5)
- Cediranib (Cat. No. 1613-1,5)
- CP-690550 (Cat. No. 1622-5,25)
- Dasatinib (Cat. No. 1586-25, 100)
- Emodin (Cat. No. 1875-25, 100)
- Enzastaurin (LY317615)(Cat. No. 1619-1,5)
- Erlotinib, Hydrochloride Salt (Cat. No. 1588-100,1000)
- EZSolution™ Staurosporine (Cat. No. 1745-01)
- Gefitinib (Cat. No. 1589-5,25)
- Genistein (Cat. No. 1533-10, 100)
- Go 6976 (Cat. No. 1711-500)
- Imatinib Mesylate (Cat. No. 1625-100, 1000)
- Lapatinib Ditosylate (Cat. No. 1624-25,100)
- Nilotinib (Cat. No. 1750-25, 100)
- Pazopanib (Cat. No. 1916-5, 25)
- PD 153035, Hydrochloride (Cat. No. 1656-2)
- PD173074 (Cat. No. 1675-1)
- Saracatinib (Cat. No. 1582-5, 25)
- SB-431542 (Cat. No. 1674-1)
- Sorafenib (Cat. No. 1594-5, 25)
- Staurosporine (Cat. No. 1048-01,1)
- Tamoxifen Citrate (Cat. No. 1551-1000)
- SU 1498 (Cat. No. 1836-1,5)
- SU-5402 (Cat. No. 1645-05)
- Sunitinib Malate (Cat. No. 1611-100, 1000)
- Tyrphostin AG 1295 (Cat. No. 1571-5)
- Tyrphostin AG 490 (Cat. No. 1570-5)
- Vandetanib (Cat. No. 1751-25, 100)