



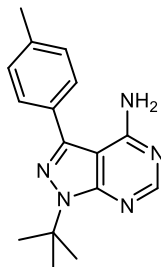
**Catalog # 10-1184**

**PP1**

CAS# 172889-26-8

4-amino-1-tert-butyl-3-(4-methylphenyl)pyrazolo[3,4-d]pyrimidine

Lot # X102807



Potent and selective inhibitor of Src family tyrosine kinases.  $IC_{50}=5$  nM (p65<sup>lck</sup>),  $IC_{50}=6$  nM(P59<sup>fynT</sup>),  $IC_{50}=170$  nM (p60<sup>src</sup>). Cell permeable.

- 1) Hanke *et al.* (1996), *Discovery of a novel, potent, and Src family-selective tyrosine kinase inhibitor. Study of Lck- and FynT-dependent T cell activation*; J. Biol. Chem., **271** 695

**PHYSICAL DATA**

Molecular Weight:	281.63
Molecular Formula:	C <sub>16</sub> H <sub>19</sub> N <sub>5</sub>
Purity:	99% by TLC
	NMR: (Conforms)
Solubility:	DMSO (up to 25 mg/ml) or Ethanol (up to 10 mg/ml)
Physical Description:	White or off-white solid
Storage and Stability:	Store as supplied at -20°C for up to 2 years from the date of purchase. Solutions in DMSO or ethanol may be stored at -20°C for up to 2 months.

**Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.**

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