### Compound Name

| **PP1** |

**Catalog Number**

| **SM79** |

### Activity

PP1 is a selective and potent Src-family tyrosine kinase inhibitor. PP1 studies have proved its ability to potently inhibit Lck and Fyn (FynT), IL-2 gene activation in T lymphocytes, and anti-CD3-induced protein tyrosine phosphorylation. Research indicates that PP1 effectively blocks LPA and EGF-enhanced tyrosine phosphorylation, MAPK activation downstream of EGFR, Rsk-1 (p90RSK) activation by H2O2, Kit and Bcr-Abl tyrosine kinases, and degrades RETMEN2A and RETMEN2B oncoproteins via proteosomal targeting. PP1 and its analog, PP2, are powerful inhibitors of TGF-β-induced cell migration and invasion in vitro.

### Purity

>99%

### CAS

172889-26-8

### Molecular Weight

281.36

### Solubility

DMSO

### Stability

Stable at -20°C. Keep away from direct sunlight.

### References


### Alternative Names

AGL-1872, PP 1, 1-tert-butyl-3-(4-methylphenyl)pyrazolo[3,4-d]pyrimidin-4-amine