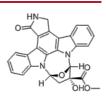


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## **Data Sheet**

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	K252a
Cat. No.	:	PC-70171
CAS No.	:	99533-80-9
Molecular Formula	:	C <sub>27</sub> H <sub>21</sub> N <sub>3</sub> O <sub>5</sub>
Molecular Weight	:	467.5
Target	:	Trk Receptor
Solubility	:	10 mM in DMSO



## **Biological Activity**

K252a (SF2370) is a potent, non-selective tyrosine protein kinase inhibitor for **Trk family**, CaMK and other phosphorylase kinases.

K252a also partially inhibits PDGFR and inactive on the EGF, FGF and IGF-1 receptors.

K252a inhibits Met autophosphorylation in cultured cells and in immunoprecipitates and prevents activation of its downstream effectors MAPK and Akt.

K252a is a staurosporine analog.

## References

Morotti A, et al. **Oncogene.** 2002 Jul 25;21(32):4885-93.

Ruggeri BA, et al. *Curr Med Chem.* 1999 Sep;6(9):845-57.

Tapley P, et al. **Oncogene.** 1992 Feb;7(2):371-81.

Caution: Product has not been fully validated for medical applications. Lab Use Only! E-mail: tech@probechem.com