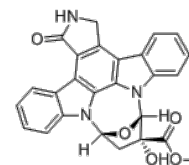


Product Name : K252a
Cat. No. : PC-70171
CAS No. : 99533-80-9
Molecular Formula : C₂₇H₂₁N₃O₅
Molecular Weight : 467.5
Target : Trk Receptor
Solubility : 10 mM in DMSO



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