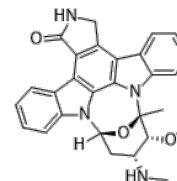


Product Name : Staurosporine
Cat. No. : PC-23471
CAS No. : 62996-74-1
Molecular Formula : C₂₈H₂₆N₄O₃
Molecular Weight : 466.54
Target : PKC
Solubility : 10 mM in DMSO



Biological Activity

Staurosporine (STS) is a potent, ATP-competitive and non-selective inhibitor of protein kinases with IC₅₀s of 6 nM, 15 nM, 2 nM, and 3 nM for PKC, PKA, c-Fgr, and Phosphorylase kinase respectively. Staurosporine also inhibits TAOK2 with an IC₅₀ of 3 μM. Staurosporine is a classical apoptosis inducer.

References

- Meggio F, et al. Eur J Biochem. 1995 Nov 15;234(1):317-22.
Yoshizawa S, et al. Cancer Res. 1990 Aug 15;50(16):4974-8.
Nabeshima T, et al. J Pharmacol Exp Ther. 1991 May;257(2):562-6.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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