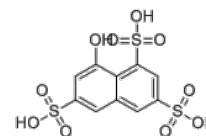


Product Name : ζ-Stat
Cat. No. : PC-35337
CAS No. : 3316-02-7
Molecular Formula : C₁₀H₈O₁₀S₃
Molecular Weight : 384.344
Target : PKC
Solubility : 10 mM in DMSO



Biological Activity

ζ-Stat (1,3,6-Naphthalenetrisulfonic acid) is a novel **PKC-zeta** (PKC-ζ) specific inhibitor with IC₅₀ of 5 μM, shows only 13% inhibition on PKC-I at 20 μM.

ζ-Stat downregulates TNF-α induced NF-κB translocation to the nucleus there by inducing apoptosis.

ζ-Stat significantly decreases melanoma cell proliferation of SK-MEL-2 and MeWo.

References

Islam SMA, et al. *Biochim Biophys Acta*. 2018 Apr;1865(4):650-664.

Ratnayake WS, et al. *Cell Adh Migr*. 2018 May 21:1-17.

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

E-mail: tech@probechem.com