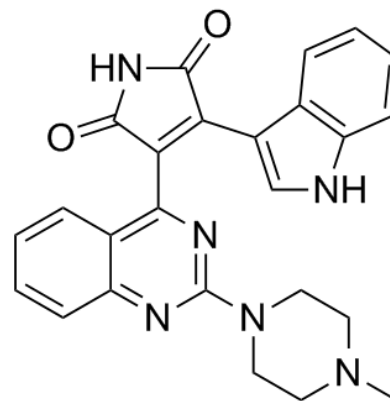


Product Name : Sotrastaurin
Cat. No. : PC-42543
CAS No. : 425637-18-9
Molecular Formula : C₂₅H₂₂N₆O₂
Molecular Weight : 438.4812
Target : PKC
Solubility : 10 mM in DMSO



Biological Activity

Sotrastaurin (AEB071) is a potent, selective, orally available pan-**PKC** inhibitor with K_i of 0.22-3.2 nM for PKC isotypes. Sotrastaurin (AEB071) displays excellent selectivity against a broad panel of kinases (only GSK-3 β IC₅₀<1 μ M). Sotrastaurin (AEB071) inhibits early T-cell activation with no general antiproliferative activity, also inhibits β 2-integrin-mediated T-cell adhesiveness. Sotrastaurin (AEB071) prolongs rat heterotopic heart transplant survival in combination with adjunct immunosuppression agents.

References

- Evenou JP, et al. *J Pharmacol Exp Ther.* 2009 Sep;330(3):792-801.
Wagner J, et al. *J Med Chem.* 2009 Oct 22;52(20):6193-6.
Budde K, et al. *Am J Transplant.* 2010 Mar;10(3):571-81.

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

E-mail: tech@probechem.com