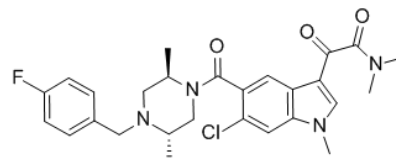


Product Name : SCIO-469
Cat. No. : PC-42566
CAS No. : 309913-83-5
Molecular Formula : C₂₇H₃₀ClFN₄O₃
Molecular Weight : 513.0035
Target : p38 MAPK
Solubility : 10 mM in DMSO



Biological Activity

Talmapimod (SCIO469) is a potent, selective **p38 α MAPK** inhibitor with IC₅₀ of 9 nM.

Talmapimod (SCIO469) displays 10-fold selectivity for p38 α over p38 β , >2,000-fold selectivity over a panel of 20 other kinases, including other MAP kinases.

Talmapimod (SCIO469) decreases apoptosis in MDS CD34+ progenitors and leads to dose-dependant increases in erythroid and myeloid colony formation.

Talmapimod (SCIO469) enhances the ability of MG132 and bortezomib to induce the apoptosis of MM cells, and inhibits tumor growth in vivo.

References

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Navas TA, et al. *Blood*. 2006 Dec 15;108(13):4170-7.

Hideshima T, et al. *Oncogene*. 2004 Nov 18;23(54):8766-76.

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

E-mail: tech@probechem.com