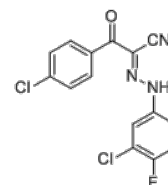


Product Name : SC99
Cat. No. : PC-61476
CAS No. : 882290-02-0
Molecular Formula : C₁₅H₈Cl₂FN₃O
Molecular Weight : 336.147
Target : STAT
Solubility : 10 mM in DMSO



Biological Activity

SC99 is a novel selective **STAT3** inhibitor that inhibits JAK2-STAT3 activation but has no effects on other transcription factors such as NF-κB, and kinases such as AKT, ERK, and c-Src.

SC99 inhibits STAT3 phosphorylation, dimerization and nuclear translocation, downregulates STAT3-modulated gene expression and induces MM cell apoptosis.

SC99 delays tumor growth in MM xenograft models (30mg/kg); orally active.

References

Zhang Z, et al. *Oncotarget*. 2016 Feb 23;7(8):9296-308.

Xu Z, et al. *Acta Pharmacol Sin*. 2017 May;38(5):651-659.

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

E-mail: tech@probechem.com