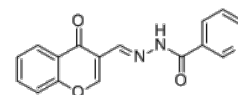


Product Name : STAT5-IN-1
Cat. No. : PC-61311
CAS No. : 285986-31-4
Molecular Formula : C₁₆H₁₁N₃O₃
Molecular Weight : 293.28
Target : STAT
Solubility : 10 mM in DMSO



Biological Activity

STAT5-IN-1 is a selective, small molecule inhibitor of the transcription factor **STAT5** with IC₅₀ of 47±17 uM in FP assays. STAT5-IN-1 shows little to no inhibition for STAT1, STAT3 and Lck (<40% inhibition at 500 uM). STAT5-IN-1 selectively inhibits the function of the STAT5b domain and STAT5 DNA binding in vitro, and selectively inhibits activation of STAT5 in K562 cells.

References

Müller J, et al. *Chembiochem*. 2008 Mar 25; 9(5):723-7.

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

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