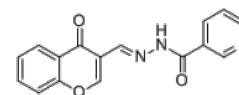


**Product Name** : STAT5-IN-1  
**Cat. No.** : PC-61311  
**CAS No.** : 285986-31-4  
**Molecular Formula** : C<sub>16</sub>H<sub>11</sub>N<sub>3</sub>O<sub>3</sub>  
**Molecular Weight** : 293.28  
**Target** : STAT  
**Solubility** : 10 mM in DMSO



## Biological Activity

STAT5-IN-1 is a selective, small molecule inhibitor of the transcription factor **STAT5** with IC<sub>50</sub> 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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