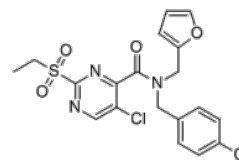


**Product Name** : ZAP180013  
**Cat. No.** : PC-38018  
**CAS No.** : 873080-25-2  
**Molecular Formula** : C<sub>19</sub>H<sub>17</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>4</sub>S  
**Molecular Weight** : 454.32  
**Target** : Syk  
**Solubility** : 10 mM in DMSO



### Biological Activity

ZAP 180013 is a small molecule inhibitor of zeta-chain-associated protein kinase 70 (**Zap70**) with IC<sub>50</sub> of 1.8 μM (fluorescence polarization assay).

ZAP 180013 inhibits the interaction of Zap70 SH2 domain with immunoreceptor tyrosine-based activation motif (ITAMs), within the T-cell antigen receptor (TCR) signaling pathway.

### References

Patrick R Visperas, et al. *SLAS Discov.* 2017 Mar;22(3):324-331.

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

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