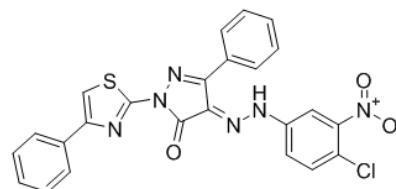


**Product Name** : TNF $\alpha$ -IN-C87  
**Cat. No.** : PC-42239  
**CAS No.** : 332420-90-3  
**Molecular Formula** : C<sub>24</sub>H<sub>15</sub>ClN<sub>6</sub>O<sub>3</sub>S  
**Molecular Weight** : 502.9323  
**Target** : TNF-alpha  
**Solubility** : DMSO: 9.33 mg/mL



### Biological Activity

TNF $\alpha$ -IN-C87 (C 87) is a novel and highly specific small-molecule **TNF $\alpha$**  inhibitor that directly binds to TNF $\alpha$ , potently inhibits TNF $\alpha$ -induced cell death (IC<sub>50</sub>=8.73  $\mu$ M) and effectively blocks TNF $\alpha$ -triggered signaling activities. TNF $\alpha$ -IN-C87 effectively attenuates TNF $\alpha$ -induced inflammation in a murine acute hepatitis model.

### References

- Ma L, et al. *J Biol Chem*. 2014 May 2;289(18):12457-66.  
Chen S, et al. *J Chem Inf Model*. 2017 May 22;57(5):1101-1111.

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

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