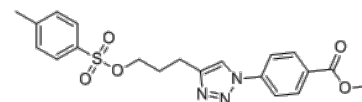


**Product Name** : cjoc42  
**Cat. No.** : PC-47073  
**CAS No.** : 2171519-89-2  
**Molecular Formula** : C<sub>20</sub>H<sub>21</sub>N<sub>3</sub>O<sub>5</sub>S  
**Molecular Weight** : 415.464  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



### Biological Activity

cjoc42 is a specific small molecule that is capable of binding to **gankyrin** (ITC K<sub>d</sub>=580 nM), inhibit gankyrin activity in a dose-dependent manner.

cjoc42 prevents the decrease in p53 protein levels normally associated with high amounts of gankyrin, and restores p53-dependent transcription and sensitivity to DNA damage.

### References

Anasuya Chattopadhyay, et al. **Sci Rep.** 2016 Apr 5;6:23732.

D'Souza AM, et al. **Front Pharmacol.** 2021 Mar 4;12:580722.

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

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