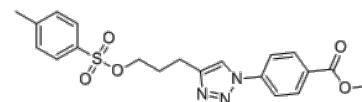


Product Name : cjoc42
Cat. No. : PC-47073
CAS No. : 2171519-89-2
Molecular Formula : C₂₀H₂₁N₃O₅S
Molecular Weight : 415.464
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

cjoc42 is a specific small molecule that is capable of binding to **gankyrin** (ITC K_d=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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