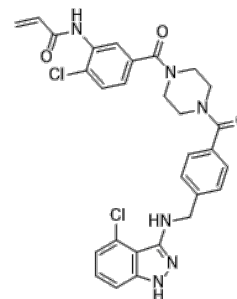


**Product Name** : JNK3 inhibitor JC16I  
**Cat. No.** : PC-23102  
**CAS No.** : 3079739-71-9  
**Molecular Formula** : C<sub>29</sub>H<sub>26</sub>Cl<sub>2</sub>N<sub>6</sub>O<sub>3</sub>  
**Molecular Weight** : 577.47  
**Target** : JNK  
**Solubility** : 10 mM in DMSO



CAS: 3079739-71-9

### Biological Activity

JNK3 inhibitor JC16I is a potent, selective covalent **JNK3** inhibitor with IC<sub>50</sub> of 5.31 nM, >160-fold selectivity for JNK3 over JNK1/2.

JC16I showed enhanced and long-lasting inhibition against cellular JNK3.

JC16I selectively suppressed the abnormal activation of JNK3 signaling and sufficiently exhibited neuroprotective effect in Parkinson's diseases (PD) models.

### References

Liang Ouyang, et al. *Angew Chem Int Ed Engl*. 2024 Sep 14:e202411037.

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

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