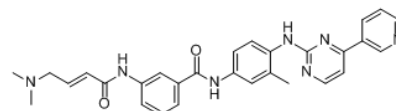


**Product Name** : JNK-IN-8  
**Cat. No.** : PC-43490  
**CAS No.** : 1410880-22-6  
**Molecular Formula** : C<sub>29</sub>H<sub>29</sub>N<sub>7</sub>O<sub>2</sub>  
**Molecular Weight** : 507.59  
**Target** : JNK  
**Solubility** : DMSO: ≥ 35 mg/mL



### Biological Activity

JNK-IN-8 (JNK Inhibitor XVI) is a potent, selective, **pan-JNK** inhibitor with IC<sub>50</sub> of 4.7 nM, 18.7 nM and 1 nM for JNK1, JNK2 and JNK3, respectively.

JNK Inhibitor XVI exhibits exceptional selectivity based upon KinomeScan and enzymatic profiling.

JNK Inhibitor XVI inhibits c-Jun phosphorylation in HeLa and A375 cells with EC<sub>50</sub> of 486 nM and 338 nM, respectively.

### References

Zhang T, et al. **Chem Biol.** 2012 Jan 27;19(1):140-54.

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

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