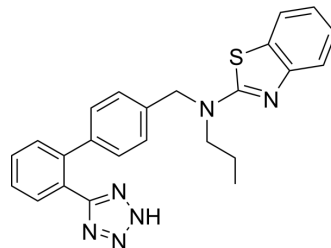


## JNK-1-IN-1

Cat. No.:	HY-14411
CAS No.:	1262406-02-9
Molecular Formula:	C <sub>24</sub> H <sub>22</sub> N <sub>6</sub> S
Molecular Weight:	426.54
Target:	JNK
Pathway:	MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	JNK-1-IN-1 is a JNK-1 inhibitor. JNK-1-IN-1 also inhibits MKK7 with an IC <sub>50</sub> of 7.8μM. JNK-1-IN-1 bind to MKK7cp and acts as an inhibitor of JNK-1 <sup>[1]</sup> .
IC <sub>50</sub> & Target	JNK1
In Vitro	JNK-1-IN-1 (Compound 2) has affinity for binding to Jnk1-u, p38α-u, ERK2-u in HepG2 human hepatoma cells with K <sub>d</sub> values of 11, 18, 18, respectively <sup>[1]</sup> . JNK-1-IN-1 inhibits MKK7cp in HepG2 human hepatoma cells with IC <sub>50</sub> values of 7.8. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Comess KM, et al. Discovery and characterization of non-ATP site inhibitors of the mitogen activated protein (MAP) kinases. ACS Chem Biol. 2011 Mar 18;6(3):234-44.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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