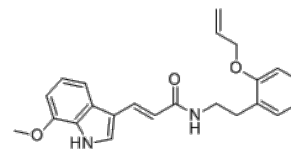


**Product Name** : JI130  
**Cat. No.** : PC-49293  
**CAS No.** : 2234271-86-2  
**Molecular Formula** : C<sub>23</sub>H<sub>24</sub>N<sub>2</sub>O<sub>3</sub>  
**Molecular Weight** : 376.456  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

JI130 (JI 130) is a small molecule inhibitor of the cancer-associated transcription factor **Hes1**, targets prohibitin 2 (PHB2) and blocks Hes1-PHB2 interaction, JI130 inhibits MIA PaCa-2 cell growth with EC<sub>50</sub> of 49 nM.

JI130 is able to suppress cell growth in several pancreatic cancer cell lines, including CFPAC-1, PK9, and KP4-1.

JI130 inhibits tumor growth in pancreatic tumor xenograft model created with implanted MIA PaCa-2 cells.

JI130 is a JI051 derivative with improved solubility.

## References

Perron A, et al. *J Biol Chem*. 2018 May 25;293(21):8285-8294.

Kovach AR, et al. *Mol Oncol*. 2022 Aug 11. doi: 10.1002/1878-0261.13304.

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

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