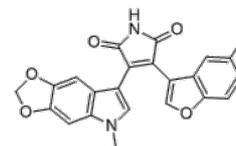


**Product Name** : 9-ING-41  
**Cat. No.** : PC-60431  
**CAS No.** : 1034895-42-5  
**Molecular Formula** : C<sub>22</sub>H<sub>13</sub>FN<sub>2</sub>O<sub>5</sub>  
**Molecular Weight** : 404.35  
**Target** : GSK-3  
**Solubility** : 10 mM in DMSO



## Biological Activity

Elraglusib (9-ING-41) is a novel potent, selective **GSK-3 $\beta$**  inhibitor with IC<sub>50</sub> of 0.7  $\mu$ M. 9-ING-41 demonstrates good antiproliferative activity against a panel of pancreatic cancer cell lines (IC<sub>50</sub>=0.5-5  $\mu$ M), decreases XIAP expression and significantly induces apoptosis. 9-ING-41 affects energy homeostasis and induces autophagy, demonstrates tumor growth inhibition in vivo.

## References

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Pal K, et al. *Mol Cancer Ther.* 2014 Feb;13(2):285-96.  
Ugolkov A, et al. *Cancer Lett.* 2016 Oct 1;380(2):384-92.  
Hilliard TS, et al. *Anticancer Drugs.* 2011 Nov;22(10):978-85.

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

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