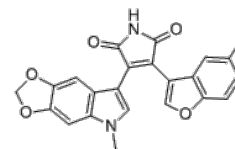


Product Name : 9-ING-41
Cat. No. : PC-60431
CAS No. : 1034895-42-5
Molecular Formula : C₂₂H₁₃FN₂O₅
Molecular Weight : 404.35
Target : GSK-3
Solubility : 10 mM in DMSO



Biological Activity

9-ING-41 is a novel potent, selective **GSK-3β** inhibitor with IC₅₀ of 0.7 μM.

9-ING-41 demonstrates good antiproliferative activity against a panel of pancreatic cancer cell lines (IC₅₀=0.5-5 μM), 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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