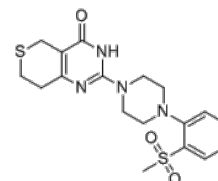


**Product Name** : G244-LM  
**Cat. No.** : PC-38484  
**CAS No.** : 1563007-08-8  
**Molecular Formula** : C<sub>18</sub>H<sub>22</sub>N<sub>4</sub>O<sub>3</sub>S<sub>2</sub>  
**Molecular Weight** : 406.519  
**Target** : PARP  
**Solubility** : 10 mM in DMSO



## Biological Activity

G244-LM is a potent and specific small-molecule tankyrase inhibitor, inhibits Wnt3a-induced signaling in HEK293 human and 10T1/2 mouse cells in a reporter assay.

G244-LM reduces Wnt/ $\beta$ -catenin signaling by preventing poly(ADP-ribosyl)ation-dependent AXIN degradation, thereby promoting  $\beta$ -catenin destabilization.

G244-LM inhibits growth of mouse intestinal organoids (IC<sub>50</sub> = 0.11  $\mu$ M) and organoid spheroids cultured from small intestine adenomas isolated from ApcMin mice.

## References

Ted Lau, et al. Cancer Res. 2013 May 15;73(10):3132-44.

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

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