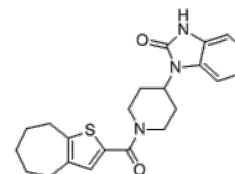


**Product Name** : GSK1702934A  
**Cat. No.** : PC-35928  
**CAS No.** : 924377-85-5  
**Molecular Formula** : C<sub>22</sub>H<sub>25</sub>N<sub>3</sub>O<sub>2</sub>S  
**Molecular Weight** : 395.521  
**Target** : TRP Channel  
**Solubility** : 10 mM in DMSO



## Biological Activity

GSK1702934A (GSK-1702934A) is a potent and selective **TRPC3/6** activator with EC<sub>50</sub> of 80/440 nM, respectively. GSK1702934A displays no significant activity against TRPV4, TRPA1, M1, M4, CaV1.2, hERG, NaV1.5, or CXCR5 receptors at 10 uM.

GSK1702934A induces TRPC3/6-currents in HEK293 cells transduced with recombinant human TRPC3/6, directly activates TRPC channels through by-passing phospholipase-C signaling.

## References

- Doleschal B, et al. *Cardiovasc Res*. 2015 Apr 1;106(1):163-73.  
Sierra-Valdez F, et al. *J Biol Chem*. 2018 Oct 12;293(41):16102-16114.

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

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