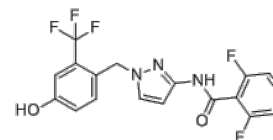


**Product Name** : GSK-7975A  
**Cat. No.** : PC-70096  
**CAS No.** : 1253186-56-9  
**Molecular Formula** : C<sub>18</sub>H<sub>12</sub>F<sub>5</sub>N<sub>3</sub>O<sub>2</sub>  
**Molecular Weight** : 397.305  
**Target** : Calcium Channel  
**Solubility** : 10 mM in DMSO



## Biological Activity

GSK-7975A (GSK7975A) is a selective **CRAC** channel blocker that inhibits store-operated Ca(2+) entry (SOCE) with IC<sub>50</sub> of 3.4 μM.

GSK-7975A shows little or no effect on the physiological Ca(2+) spiking evoked by acetylcholine or cholecystokinin.

GSK-7975A inhibits the release of mast cell mediators and T-cell cytokines from multiple human and rat preparations.

## References

Gerasimenko JV, et al. *Proc Natl Acad Sci U S A*. 2013 Aug 6;110(32):13186-91.

Rice LV, et al. *Eur J Pharmacol*. 2013 Mar 15;704(1-3):49-57.

Derler I, et al. *Cell Calcium*. 2013 Feb;53(2):139-51.

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

E-mail: tech@probechem.com