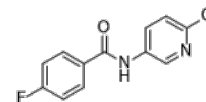


**Product Name** : ztz240  
**Cat. No.** : PC-26104  
**CAS No.** : 325457-98-5  
**Molecular Formula** : C<sub>12</sub>H<sub>8</sub>ClFN<sub>2</sub>O  
**Molecular Weight** : 250.66  
**Target** : Potassium Channel  
**Solubility** : 10 mM in DMSO



CAS: 325457-98-5

### Biological Activity

ztz240 is a potent, selective activator of **KCNQ2** potassium channel (**Kv7.2**) with EC<sub>50</sub> of 5.8 uM on outward current of KCNQ2 channels.

ztz240 binds to the open-state voltage-sensor domain (VSD).

ztz240 exhibits significant anti-epilepsy activity on mouse PTZ-induced seizure model.

### References

Li P, et al. **Cell Res.** 2013 Sep;23(9):1106-18.

Li X, et al. **Cell Res.** 2021 Jan;31(1):52-61.

Zhaobing Gao, et al. **J Biol Chem.** 2010 Sep 3;285(36):28322-32.

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

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