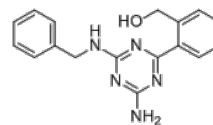


**Product Name** : Ogerin  
**Cat. No.** : PC-61084  
**CAS No.** : 1309198-71-7  
**Molecular Formula** : C<sub>17</sub>H<sub>17</sub>N<sub>5</sub>O  
**Molecular Weight** : 307.35  
**Target** : Proton-sensing GPCRs  
**Solubility** : 10 mM in DMSO



## Biological Activity

Ogerin (ZINC 67740571) is a selective GPR68 positive allosteric modulator (pEC<sub>50</sub>=6.83) with minimal PAM activity at the related proton-sensing GPCRs GPR4 and GPR65.

Ogerin only shows moderate affinity at 5-HT<sub>2B</sub> and the A<sub>2A</sub> receptor in a panel of 58 GPCRs.

Ogerin attenuates contextual-based fear memory without effects on cue-based memory in mice.

## References

Huang XP, et al. *Nature*. 2015 Nov 26;527(7579):477-83.

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

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