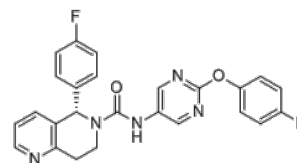


**Product Name** : BAY-899  
**Cat. No.** : PC-72912  
**CAS No.** : 2471967-92-5  
**Molecular Formula** : C<sub>25</sub>H<sub>19</sub>F<sub>2</sub>N<sub>5</sub>O<sub>2</sub>  
**Molecular Weight** : 459.457  
**Target** : Luteinizing Hormone Receptor (LHR)  
**Solubility** : 10 mM in DMSO



### Biological Activity

BAY-899 (BAY899) is a highly potent, selective **luteinizing hormone receptor (LH-R)** inhibitor with IC<sub>50</sub> of 185 nM and 46 nM for hLH-R and rLH-R, respectively.

BAY-899 reduces sex hormone levels in vivo.

BAY-899 is a valuable tool compound to study hLH-R signaling in vitro and to interfere with the production of sex hormones in vivo.

### References

Lars Wortmann, et al. *J Med Chem.* 2019 Nov 27;62(22):10321-10341.

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

E-mail: tech@probechem.com