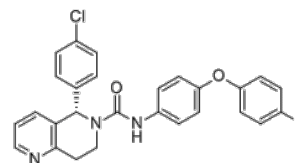


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<b>Product Name</b>	: BAY-298
<b>Cat. No.</b>	: PC-72913
<b>CAS No.</b>	: 2471978-97-7
<b>Molecular Formula</b>	: C <sub>27</sub> H <sub>21</sub> ClFN <sub>3</sub> O <sub>2</sub>
<b>Molecular Weight</b>	: 473.932
<b>Target</b>	: Luteinizing Hormone Receptor (LHR)
<b>Solubility</b>	: 10 mM in DMSO



## Biological Activity

BAY-298 (BAY298) is a highly potent, selective **luteinizing hormone receptor (LH-R)** inhibitor with IC<sub>50</sub> of 96 nM and 23 nM for hLH-R and rLH-R, respectively.

BAY-899 suppressed hLH-induced ovarian marker gene expression in cetrorelix-treated female rats.

BAY-899 counteracted the hLH-induced increase in plasma testosterone levels in male rats, and reduced serum estradiol levels in female rats

## 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!**

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