**Product Name**: BAY-899

**Catalog Number**: T10476

**CAS Number**: 

**Molecular Formula**: C25H19F2N5O2

**Molecular Weight**: 459.45

**Description**: BAY-899 is an orally active and selective antagonist of the luteinizing hormone receptor (LH-R; IC50s: 185 nM and 46 nM for human LH and rat LH). It can reduce sex hormone levels.

**Storage**: 2 years -80°C in solvent; 3 years -20°C powder;

<table>
<thead>
<tr>
<th>Receptor (IC50)</th>
<th>hLH</th>
<th>185 nM</th>
</tr>
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<tbody>
<tr>
<td>rLH</td>
<td>46 nM</td>
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</table>

**In vivo Activity**

BAY-899 (iv of 0.5 mg/kg or po of 2 mg/kg) has a t1/2 of 11 hours and 12 hours for iv and po. And the Cmax is 0.97 kg/L and 0.24 kg/L for iv and po. BAY-899 (oral; 12.5 mg/kg/day; for 8 days) shows an efficiency to reduce serum estradiol levels in intact female rats.

**Reference**


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