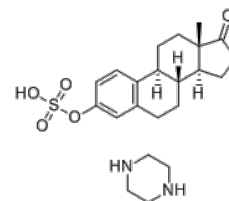


**Product Name** : Estropipate  
**Cat. No.** : PC-20607  
**CAS No.** : 7280-37-7  
**Molecular Formula** : C<sub>18</sub>H<sub>22</sub>O<sub>5</sub>S.C<sub>4</sub>H<sub>10</sub>N<sub>2</sub>  
**Molecular Weight** : 436.57  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

Estropipate is a potent, selective inhibitor of organic anion transporting polypeptides 1B1 (OATP1B1) with IC<sub>50</sub> of 0.05 and 0.12 μM for human and cynomolgus monkey OATP1B1, respectively.

Estropipate shows weak inhibition for human and monkey OATP1B3, OATP2B1, sodium-taurocholate cotransporting polypeptide (NTCP), organic anion transporter 2, and organic cation transporter 1 with IC<sub>50</sub> values ranging from 8.6 to 64.0 μM.

## References

Zhang Y, et al. Mol Pharm. 2019 Jun 3;16(6):2342-2353.

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

E-mail: tech@probechem.com