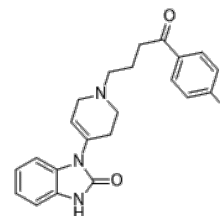


**Product Name** : Droperidol  
**Cat. No.** : PC-24815  
**CAS No.** : 548-73-2  
**Molecular Formula** : C<sub>22</sub>H<sub>22</sub>N<sub>3</sub>O<sub>2</sub>  
**Molecular Weight** : 379.44  
**Target** : GABA Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

Droperidol (Dehydrobenzperidol) is a butyrophenone pamine-2 receptor antagonist, inhibits the activation of GABA(A) and neuronal nicotinic receptors (nAChR) with IC<sub>50</sub> of 12.6 nM and 5.8 μM, also specifically inhibits YTHDF2 and prevents associations of YTHDF2 with DDX1 and eIF3F.

## References

Liu T, et al. Mol Cell. 2025 May 28:S1097-2765(25)00454-X.

Pamela Flood, et al. Anesthesiology. 2002 Apr;96(4):987-93.

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

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