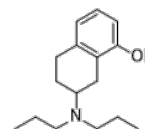


**Product Name** : 8-OH-DPAT  
**Cat. No.** : PC-22773  
**CAS No.** : 78950-78-4  
**Molecular Formula** : C<sub>16</sub>H<sub>25</sub>NO  
**Molecular Weight** : 247.38  
**Target** : 5-HT Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

8-OH-DPAT (8-Hydroxy-DPAT) is a potent and selective 5-HT<sub>1A</sub> receptor agonist with pIC<sub>50</sub> of 8.19, has moderate affinity for 5-HT<sub>7</sub> receptors (pK<sub>i</sub> is 6.6 at the human 5-HT<sub>7</sub> receptor expressed in HEK 293 cells).

8-OH-DPAT reduces hippocampal 5-HT levels following systemic administration in rats in vivo.

## References

Hamon M, et al. Eur J Pharmacol. 1984 May 4;100(3-4):263-76.

Ahlenius S, et al. Eur J Pharmacol. 1984 Apr 6;99(4):279-86.

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

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