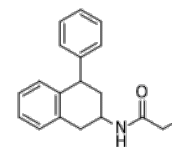


**Product Name** : 4-P-PDOT  
**Cat. No.** : PC-26838  
**CAS No.** : 134865-74-0  
**Molecular Formula** : C<sub>19</sub>H<sub>21</sub>NO  
**Molecular Weight** : 279.38  
**Target** : Melatonin Receptor  
**Solubility** : 10 mM in DMSO



### Biological Activity

4-P-PDOT is a potent, selective and high affinity melatonin receptor MT2 antagonist with pEC<sub>50</sub> of 8.72 inhibition of forskolin stimulated cyclic AMP, >300-fold more selective for MT2 than MT1.

### References

Browning C, et al. Br J Pharmacol. 2000 Mar;129(5):877-86.

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

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