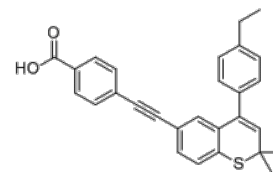


**Product Name** : AGN194310  
**Cat. No.** : PC-20205  
**CAS No.** : 229961-45-9  
**Molecular Formula** : C<sub>28</sub>H<sub>24</sub>O<sub>2</sub>S  
**Molecular Weight** : 424.56  
**Target** : RAR/RXR  
**Solubility** : 10 mM in DMSO



### Biological Activity

AGN194310 (VTP-194310) is a highly potent, pan-**RAR** antagonist with binding K<sub>d</sub> value of 2-5 nM, inhibits prostate carcinoma lines LNCaP, PC3 and DU145 with IC<sub>50</sub> of 16-34 nM.

AGN194310 treatment led to a transient accumulation of flask-cultured cells in G1 followed by apoptosis.

AGN194310 is 12-22 fold more potent than all-trans retinoic acid (ATRA) against cell lines and also more potent in inhibiting the growth of primary prostate carcinoma cells.

### References

Hammond LA, et al. *Br J Cancer*. 2001 Aug 3;85(3):453-62.

Walkley CR, et al. *Leukemia*. 2002 Sep;16(9):1763-72.

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

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