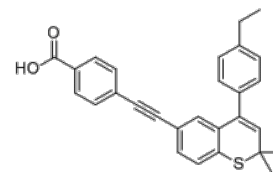


Product Name : AGN194310
Cat. No. : PC-20205
CAS No. : 229961-45-9
Molecular Formula : C₂₈H₂₄O₂S
Molecular Weight : 424.56
Target : RAR/RXR
Solubility : 10 mM in DMSO



Biological Activity

AGN194310 (VTP-194310) is a highly potent, pan-RAR antagonist with binding K_d value of 2-5 nM, inhibits prostate carcinoma lines LNCaP, PC3 and DU145 with IC₅₀ 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!

E-mail: tech@probechem.com