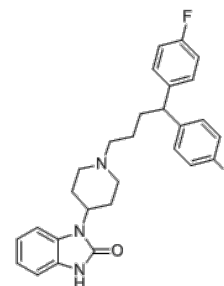


Product Name : Pimozide
Cat. No. : PC-62444
CAS No. : 2062-78-4
Molecular Formula : C₂₈H₂₉F₂N₃O
Molecular Weight : 461.56
Target : STAT
Solubility : 10 mM in DMSO



Biological Activity

Pimozide (R6238) is an antipsychotic agent that acts as an antagonist of the D2, D3, and D4 receptors and the 5-HT7 receptor, also is an inhibitor of **STAT5**.

Pimozide also is a hERG blocker, inhibits **USP1/UAF1** noncompetitively with *K_i* of 0.5 uM.

Pimozide displays selectivity against a number of deubiquitinases, deSUMOylase, and cysteine proteases.

References

Chen J, et al. *Chem Biol*. 2011 Nov 23;18(11):1390-400.

Nelson EA, et al. *Blood*. 2011 Mar 24;117(12):3421-9.

Rondanin R, et al. *ChemMedChem*. 2017 Aug 8;12(15):1183-1190.

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

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