

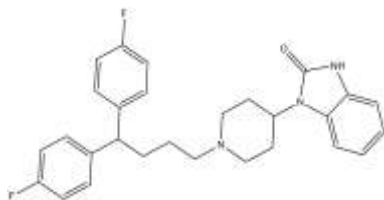
Pimozide

ALTERNATE NAME: 1-[1-[4,4-bis(4-Fluorophenyl)butyl]-4-piperidinyl]-1,3-dihydro-2H-benzimidazol-2-one

CATALOG #: 1887-50, 250

AMOUNT: 50 mg, 250 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₈H₂₉F₂N₃O

MOLECULAR WEIGHT: 461.55

CAS NUMBER: 2062-78-4

APPEARANCE: White solid

SOLUBILITY: DMSO (100 mM)

PURITY: ≥98% by TLC

STORAGE: Store at 2-8°C

DESCRIPTION: Cell-permeable. An antipsychotic drug and D₂ dopamine receptor antagonist; binds with high affinity to the cloned 5-HT₇ receptor. A Stat5 inhibitor; decreases Stat5 tyrosine phosphorylation, but does not affect Bcr-Abl or other tyrosine kinases.

REFERENCE: Nelson, E.A., *et al.* (2011). *Blood* **117**, 3421-3429.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- AG490 (Cat. No. 1570-5)
- CP-690550 (Cat. No. 1622-5, 25)
- LLL12 (Cat. No. 1792-5, 25)
- Stat1 Antibody (Cat. No. 3133R-100)
- Stat2 Antibody (Cat. No. 3468R-100)
- Phospho-Stat2 Antibody (Cat. No. 3469-1000)
- Stat3 Antibody (Cat. No. 3470R-100)
- Phospho-Stat3 Antibody (Cat. No. 3474-100)
- Stat3 Inhibitor I, S3I-201 (Cat. No. 1775-5, 25)
- Stat3 Peptide Inhibitor, Cell-Permeable (Cat. No. 1778-1,5)
- Stat4 Antibody (Cat. No. 3471R-100)
- Stat5 Antibody (Cat. No. 3472-100)
- Phospho-Stat5 Antibody (Cat. No. 3475-100)
- Stat6 Antibody (Cat. No. 3473R-100)
- Phospho-Stat6 Antibody (Cat. No. 3476-100)
- Tyrphostin AG 490 (Cat. No. 1570-5)
- WP1066 (Cat. No. 1809-5, 25)