

Catalog	Unit
TBI2780-50MG	50 mg
TBI2780-250MG	250 mg

Product Details

Formal Name: 1-[1-[4,4-bis(4-fluorophenyl)butyl]-4-piperidiny]-1,3-dihydro-2H-benzimidazol-2-one

Alternate Names: NSC 170984

Molecular Formula: C₂₈H₂₉F₂N₃O

Formula Weight: 461.6

CAS Number: 2062-78-4

Purity: ≥98%

Formulation: powder

Solubility: DMF (30 mg/ml), DMSO (30 mg/ml), Ethanol (3 mg/ml)

Storage: -20°C

Stability: ≥ 4 years

Applications

STAT5 inhibitor and dopamine D2 antagonist

Functions

Pimozide acts as an H1 receptor antagonist, serotonin antagonist, first-generation antipsychotic, antidyskinesia agent, and dopaminergic antagonist.

Application Procedures

First dissolved in DMF (30 mg/ml), DMSO (30 mg/ml), or Ethanol (3 mg/ml), then diluted to aqueous buffer. Solutions in DMF, DMSO or ethanol may be stored at -20°C for up to 3 months.

For research use only.