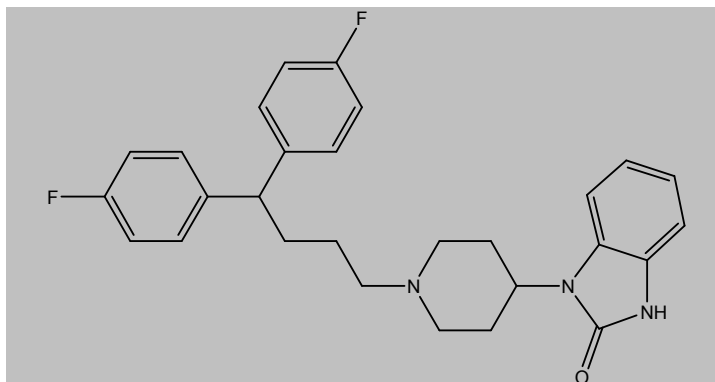


Certificate Of Analysis
Quality Control Testing and Research ApplicationCOA Preparation Date: 11/02/2016
COA Revision Date: 11/02/2019

Product: Pimozide
Cat. No.: BG0381
Batch No.: 0381BG/02
Chemical Name: 1-[1-[4,4-Bis(4-fluorophenyl)butyl]-4-piperidinyl]-1,3-dihydro-2H-benzimidazole-2-one

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₂₈H₂₉F₂N₃O
Batch Molecular Weight: 461.55
CAS No.: [2062-78-4]
Physical Appearance: White to off-white powder
Melting Point: 214 - 222° C
Solubility: Soluble to 100 mM in DMSO
Storage: RT
Batch Molecular Structure:



Product Description: Dopamine D₂ receptor antagonist (K_i = 0.4 nM, rat). Antipsychotic agent. Displays also high affinity binding to the cloned rat 5-HT₇ receptor (K_i = 0.5 nM)

References: 1. El Tayar et al. (1988) Eur J Med Chem 23:1732; 2. Roth et al. (1994) J Pharmacol Exp Ther 268:1403

- CAUTION - Not fully tested. For Research use only. Not for human use. -



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BG0381 Pimozide

2. ANALYTICAL DATA

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: HPLC Assay: $\geq 98\%$ (complies).

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