

Catalog # 10-2300

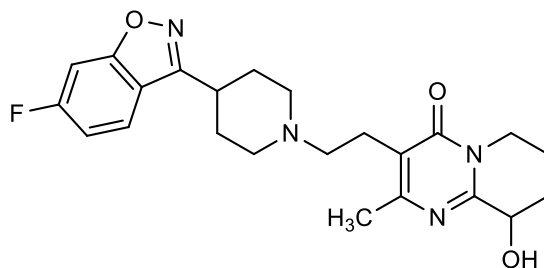
9-Hydroxyrisperidone

CAS# 144598-75-4

3-[2-[4-(6-Fluoro-1,2-benzisoxazol-3-yl)-1-piperidinyl]ethyl]-6,7,8,9-tetrahydro-9-hydroxy-2-methyl-4H-pyrido[1,2-a]pyrimidin-4-one

Paliperidone

Lot # X106753



Pharmacologically active metabolite of risperidone, an atypical antipsychotic agent.¹ Displays high affinity for serotonin 5-HT^{2A} receptors as well as dopamine D₂ receptors.^{2,3}

- 1) Beijsterveldt *et al.* (1994), *Regional brain distribution of risperidone and its active metabolite 9-hydroxy-risperidone in the rat*, *Psychopharmacology*, **114** 53
- 2) Leysen *et al.* (1994), *Risperidone: a novel antipsychotic with balanced serotonin-dopamine antagonism, receptor occupancy profile, and pharmacologic activity*; *J. Clin. Psychiatry*, **55** suppl: 5
- 3) Schotte *et al.* (1996), *Risperidone compared with new and reference antipsychotic drugs: in vitro and in vivo receptor binding*; *Psychopharmacology (Berl.)*, **124** 57

PHYSICAL DATA

Molecular Weight: 426.48
Molecular Formula: C₂₃H₂₇FN₄O₃
Purity: 95% by HPLC
NMR: (Conforms)
Solubility: DMSO (up to 4 mg/ml)
Physical Description: White solid
Storage and Stability: Store as supplied desiccated at -20°C for up to 2 years from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 2 months.

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