



LKT Laboratories, Inc.

Paliperidone

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lktlabs.com
Web: lktlabs.com

Product Information

Product ID P0144

CAS No. 144598-75-4

Chemical Name

Synonym 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, 9-OH-risperidone

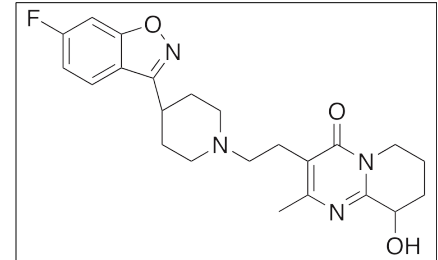
Formula C₂₃H₂₇FN₄O₃

Formula Wt. 426.48

Melting Point 158-160° C

Purity ≥97%

Solubility DMSO: >5 mg/mL



Bulk quantities available upon request

Product ID	Size
P0144	25 mg
P0144	100 mg
P0144	500 mg

Store Temp Ambient

Ship Temp Ambient

Description Paliperidone is an antipsychotic compound that inhibits D2 receptors and 5-HT_{2A} receptors and is used to treat schizophrenia. Paliperidone also attenuates epinephrine- and serotonin-induced platelet aggregation.

References Kozielska M, Johnson M, Pilla Reddy V, et al. Pharmacokinetic-pharmacodynamic modeling of the D2 and 5-HT (2A) receptor occupancy of risperidone and paliperidone in rats. *Pharm Res.* 2012 Jul;29(7):1932-48. PMID: 22437487.

Gilday E, Nasrallah HA. Clinical pharmacology of paliperidone palmitate a parenteral long-acting formulation for the treatment of schizophrenia. *Rev Recent Clin Trials.* 2012 Feb;7(1):2-9. PMID: 22023179.

De Clerck F, Somers Y, Mannaert E, et al. In vitro effects of risperidone and 9-hydroxy-risperidone on human platelet function, plasma coagulation, and fibrinolysis. *Clin Ther.* 2004 Aug;26(8):1261-73. PMID: 15476907.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.