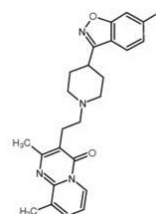


Product Name	: Ocaperidona
Synonyms	: Ocaperidone; R 79598; R-79598; R79598
Cat No.	: M17239
CAS Number	: 129029-23-8
Molecular Formula	: C ₂₄ H ₂₅ FN ₄ O ₂
Formula Weight	: 420.49
Chemical Name	: 3-(2-(4-(6-fluorobenzo[d]isoxazol-3-yl)piperidin-1-yl)ethyl)-2,9-dimethyl-4H-pyrido[1,2-a]pyrimidin-4-one
Description	<p>Ocaperidone, also known as R 79598, is a highly potent and efficacious dopamine-D2 antagonist with concomitant, equivalent serotonin 5-HT₂ antagonism. Ocaperidone inhibited dopamine agonist (apomorphine, amphetamine or cocaine)-induced behavioral effects at low doses (0.014-0.042 mg/kg). Ocaperidone completely blocked the dopamine agonist behavior at slightly higher doses (0.064 mg/kg). Ocaperidone is expected to exert pronounced haloperidol-like effects on the positive symptoms of schizophrenic patients but with risperidone-like low extrapyramidal side effect liability and improved patient compliance.</p>
Pathway	: Angiogenesis
Target	: CDK
Receptor	: D2
Solubility	: —
SMILES	: <chem>Cc1cccn2c1nc(c(c2=O)CCN1CCC(CC1)c1noc2c1ccc(c2)F)C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Hugo Geerts, et al. Blinded Prospective Evaluation of Computer-Based Mechanistic Schizophrenia Disease Model for Predicting Drug Response. PLoS One. 2012; 7(12): e49732.