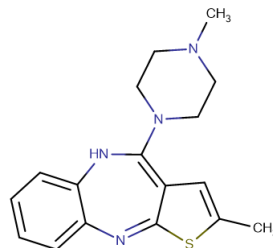


Product Name	: Olanzapine
Synonyms	: LY170053
Cat No.	: M11302
CAS Number	: 132539-06-1
Molecular Formula	: C ₁₇ H ₂₀ N ₄ S
Formula Weight	: 312.44
Chemical Name	: 2-methyl-4-(4-methylpiperazin-1-yl)-5H-thieno[3,2-c][1,5]benzodiazepine
Description	: Olanzapine is an atypical antipsychotic, approved by the FDA in 1996. Olanzapine is manufactured and marketed by the pharmaceutical company Eli Lilly and Company, whose patent for olanzapine proper ends in 2011.
Pathway	: Endocrinology/Hormones
Target	: 5-HT Receptor
Receptor	: 5-HT; HT; mAChR; Adrenergic Receptor; Dopamine
Solubility	: Ethanol: 9 mg/mL (28.8 mM); DMSO: 63 mg/mL (201.63 mM)
SMILES	: CN1CCN(C2=C(C=C(C)S3)C3=NC4=CC=CC=C4N2)CC1
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. McDonald LM, et al. Psychopharmacology (Berl). 2003 Sep;169(3-4):321-3