

Catalog	Unit
TBI2035-50MG	50 mg
TBI2035-250MG	250 mg

### Product Details

**Formal Name:** 2-methyl-4-(4-methyl-1-piperazinyl)-10H-thieno[2,3-b][1,5]benzodiazepine

**Molecular Formula:** C<sub>17</sub>H<sub>20</sub>N<sub>4</sub>S

**Formula Weight:** 312.4

**CAS Number:** 132539-06-1

**Purity:** ≥98%

**Formulation:** Powder

**Solubility:** DMF (20 mg/ml), DMSO (16 mg/ml), Ethanol (1 mg/ml)

**Storage:** -20°C

**Stability:** ≥ 4 years

### Applications

Dopamine D1 and D2 antagonist / inverse agonist

### Functions

Olanzapine is an antipsychotic, and this medication is used to treat severe agitation associated with certain mental/mood conditions (schizophrenia, bipolar disorder).

### Application Procedures

First dissolved in DMF (20 mg/ml), DMSO (16 mg/ml), or Ethanol (1 mg/ml), then diluted to aqueous buffer. Solutions in DMF, DMSO or ethanol may be stored for one day.

**For research use only.**