

## Terazosin HCl, Adrenergic antagonist; HSP90 activator

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Catalog	Unit
TBI2379-20MG	20mg
TBI2379-100MG	100mg

### Product Details

**Formal Name:** 1-(4-Amino-6,7-dimethoxy-2-quinazoliny-4-[(tetrahydro-2-furanyl)carbonyl]piperazine

**Molecular Formula:** C<sub>19</sub>H<sub>25</sub>N<sub>5</sub>O<sub>4</sub>

**Formula Weight:** 423.88

**CAS Number:** 63074-08-8

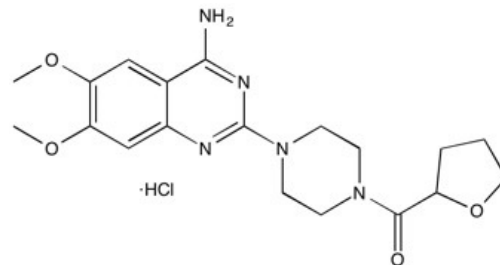
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in Water (up to 20 mg/ml with warming).

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

Adrenergic antagonist; HSP90 activator

### Functions

α<sub>1</sub>- and α<sub>2B</sub>-adrenoceptor antagonist (K<sub>i</sub> = 3.3, 0.7, 1.1, 7.7, 1510 and 78.2 nM for α<sub>1A</sub>, α<sub>1B</sub>, α<sub>1D</sub>, α<sub>2B</sub>, α<sub>2A</sub> and α<sub>2C</sub> receptors respectively). Displays antihypertensive activity. Improves glucose and lipid metabolism in hypertensives. Displays antiangiogenic activity in human prostate cancer and endothelial cells. Activates P<sub>gk</sub>1 and Hsp90 to promote stress resistance. Active in vivo.

### Application Procedures

First dissolved in Water (up to 20 mg/ml with warming), then diluted to aqueous buffer. Solutions in distilled water may be stored at -20°C for up to 3 months.

**For research use only.**