

## Valsartan, Angiotensin AT1 receptor antagonist

Catalog	Unit
TBI2052-20MG	20mg
TBI2052-100MG	100mg

### Product Details

**Formal Name:** (S)-3-methyl-2-[N-({4-[2-(2H-1,2,3,4-tetrazol-5-yl)phenyl]phenyl}methyl)-pentanamido]butanoic acid

**Alternate Names:** CGP-48933

**Molecular Formula:** C<sub>24</sub>H<sub>29</sub>N<sub>5</sub>O<sub>3</sub>

**Formula Weight:** 435.52

**CAS Number:** 137862-53-4

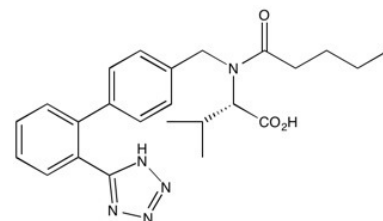
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 40 mg/ml).

**Storage:** RT

**Stability:** ≥ 2 years.



### Applications

Angiotensin AT1 receptor antagonist

### Functions

High affinity angiotensin AT1 receptor antagonist (K<sub>i</sub> = 2.38 nM). Highly selective (30,000-fold) over AT2 receptors. Normalizes the increased production of inflammatory cytokines in adipose and liver tissue in LPS-infused mice. Clinically useful antihypertensive agent. Orally active.

### Application Procedures

First dissolved in DMSO (up to 40 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

**For research use only.**