

Catalog	Unit
TBI1153 - 1G	1 g
TBI1153 - 5G	5 g

### Product Details

**Formal Name:** 4-[2-hydroxy-3-[(1-methylethyl)amino]propoxy]-benzeneacetamide

**Alternate Names:** ICI 66082

**Molecular Formula:** C<sub>14</sub>H<sub>22</sub>N<sub>2</sub>O<sub>3</sub>

**Formula Weight:** 266.3

**CAS Number:** 29122-68-7

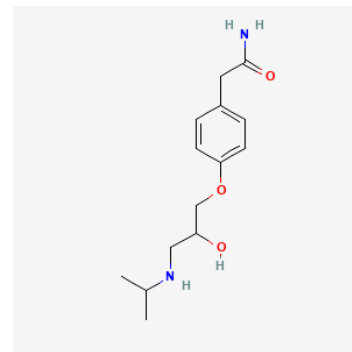
**Purity:** >98%

**Formulation:** Powder

**Solubility:** Soluble in DMSO (up to 15 mg/ml) or in Water (up to 6 mg/ml).

**Storage:** RT

**Stability:**  $\geq$  2 years.



### Applications

Adrenergic  $\beta$ 1 antagonist

### Functions

Antagonist of  $\beta$ 1 ( $K_i$  = 1.1  $\mu$ M), but not  $\beta$ 2 ( $K_i$  = 48.7  $\mu$ M), Adrenergic receptor. Reduces stress-induced cardiac contractility dysfunction in rats. Clinically useful antihypertensive (with caveats).

### Application Procedures

First dissolved in DMSO (up to 15 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

### Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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