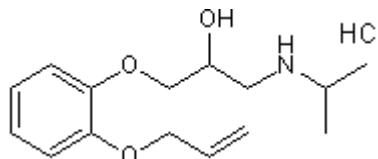


**Certificate of Analysis**[www.tocris.com](http://www.tocris.com)**Product Name:** Oxprenolol hydrochloride**Catalog No.:** 3288**Batch No.:** 1

CAS Number: 6452-73-9

EC Number: 229-260-5

IUPAC Name: 1-[(1-Methylethyl)amino]-3-[2-(2-propenoxy)phenoxy]-2-propanol hydrochloride

**1. PHYSICAL AND CHEMICAL PROPERTIES****Batch Molecular Formula:** C<sub>15</sub>H<sub>23</sub>NO<sub>3</sub>·HCl**Batch Molecular Weight:** 301.81**Physical Appearance:** White solid**Solubility:** water to 100 mM**Storage:** Store at +4°C**Batch Molecular Structure:****2. ANALYTICAL DATA****HPLC:** Shows >99.9% purity**<sup>1</sup>H NMR:** Consistent with structure**Mass Spectrum:** Consistent with structure

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

**bio-technne.com**

info@bio-technne.com

techsupport@bio-technne.com

**North America**

Tel: (800) 343 7475

**China**

info.cn@bio-technne.com

Tel: +86 (21) 52380373

**Europe Middle East Africa**

Tel: +44 (0)1235 529449

**Rest of World**[www.tocris.com/distributors](http://www.tocris.com/distributors)

Tel: +1 612 379 2956

## Product Information

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CAS Number: 6452-73-9

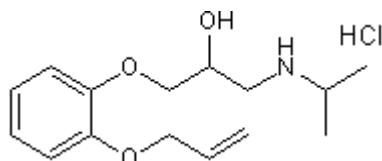
EC Number: 229-260-5

IUPAC Name: 1-[(1-Methylethyl)amino]-3-[2-(2-propenoxy)phenoxy]-2-propanol hydrochloride

**Description:**Non-selective  $\beta$ -adrenergic antagonist.**Physical and Chemical Properties:**Batch Molecular Formula: C<sub>15</sub>H<sub>23</sub>NO<sub>3</sub>.HCl

Batch Molecular Weight: 301.81

Physical Appearance: White solid

**Minimum Purity:** >99%**Batch Molecular Structure:****Storage:** Store at +4°C**Solubility & Usage Info:**

water to 100 mM

**Stability and Solubility Advice:**

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

**References:**

Fujita *et al* (1998) Adrenergic agonists suppress the proliferation of microglia through  $\beta$ 2-adrenergic receptor. *Neuroscience Lett.* **242** 37.

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**bio-techne.com**info@bio-techne.com  
techsupport@bio-techne.com**North America**

Tel: (800) 343 7475

**China**info.cn@bio-techne.com  
Tel: +86 (21) 52380373**Europe Middle East Africa**

Tel: +44 (0)1235 529449

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Tel: +1 612 379 2956