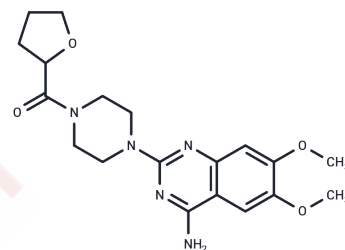


## Terazosin

## Chemical Properties

CAS No. :	63590-64-7
Formula:	C <sub>19</sub> H <sub>25</sub> N <sub>5</sub> O <sub>4</sub>
Molecular Weight:	387.43
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Terazosin, a quinazoline derivative, is an orally active and competitive antagonist of $\alpha$ 1-adrenoceptors. Its mechanism of action involves relaxing blood vessels and promoting bladder opening. Terazosin exhibits therapeutic potential for treating benign prostatic hyperplasia (BPH) and high blood pressure [1][2][3].
Targets(IC50)	Others, Adrenergic Receptor
In vitro	Terazosin exhibits non-selective activity towards cloned $\alpha$ 1-adrenoceptor subtypes transiently expressed in COS cells [1].
In vivo	Terazosin facilitates the expulsion of ureteral stones, particularly effective for distal ureteral stones larger than 5 mm [3]. It is recognized as a safe and efficient option for this treatment.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5811 mL	12.9056 mL	25.8111 mL
5 mM	0.5162 mL	2.5811 mL	5.1622 mL
10 mM	0.2581 mL	1.2906 mL	2.5811 mL
50 mM	0.0516 mL	0.2581 mL	0.5162 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481