

# Urapidil (hydrochloride)

Catalog No: tcsc2400



## Available Sizes

**Size:** 100mg

**Size:** 500mg



## Specifications

**CAS No:**

64887-14-5

**Formula:**

$C_{20}H_{30}ClN_5O_3$

**Pathway:**

GPCR/G Protein;Neuronal Signaling;GPCR/G Protein

**Target:**

Adrenergic Receptor;5-HT Receptor;5-HT Receptor

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Observed Molecular Weight:**

423.94

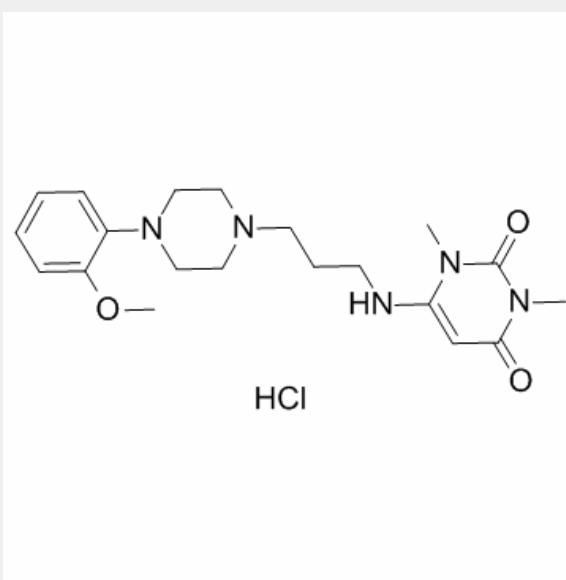
## Product Description

Urapidil HCl is an  $\alpha$ 1-adrenoceptor antagonist and 5-HT1A receptor agonist.

Target:  $\alpha$ 1-adrenoceptor; 5-HT1A receptor

Urapidil hydrochloride is a hydrochloride salt form of urapidil which is  $\alpha$ 1-adrenoceptor antagonist and 5-HT1A receptor agonist with pIC50 of 6.13 and 6.4 respectively. Urapidil has an alpha-blocking effect but, unlike other alpha-blockers, also has a central

sympatholytic effect mediated via stimulation of serotonin 5HT1A receptors in the central nervous system [1]. Urapidil has an alpha-blocking effect but, unlike other alpha-blockers, also has a central sympatholytic effect mediated via stimulation of serotonin 5HT1A receptors in the central nervous system. Several studies have suggested that oral urapidil is effective and well tolerated when used as second-line therapy in patients with BP inadequately controlled with other agents. Urapidil has also been shown to improve glucose and lipid metabolism in hypertensive patients with concomitant diabetes and/or hyperlipidemia [2].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!