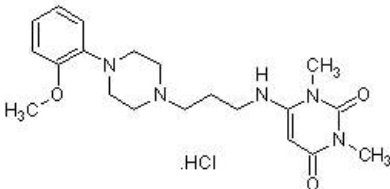


Product datasheet

Urapidil hydrochloride,  $\alpha_1$ -adrenoceptor antagonist ab142960

1 Image

Overview

<b>Product name</b>	Urapidil hydrochloride, $\alpha_1$ -adrenoceptor antagonist
<b>Description</b>	Selective $\alpha_1$ -adrenoceptor antagonist and 5-HT <sub>1A</sub> receptor partial agonist
<b>Biological description</b>	Selective $\alpha_1$ -adrenoceptor antagonist and 5-HT <sub>1A</sub> receptor partial agonist (IC <sub>50</sub> values are 0.7 and 0.4 $\mu$ M respectively). Urapidil ( <a href="#">ab142959</a> ) analog. Interacts with peripheral $\alpha_1$ -adrenoceptors and central 5-HT <sub>1A</sub> receptors to produce vasodilation without sympathetic activation. Antihypertensive <i>in vivo</i> . Orally active.
<b>Purity</b>	> 98%
<b>CAS Number</b>	64887-14-5
<b>Chemical structure</b>	

Properties

<b>Chemical name</b>	6-[3-[4-(2-Methoxyphenyl)piperazin-1-yl]propylamino]-1,3-dimethylpyrimidine-2,4-dione hydrochloride
<b>Molecular weight</b>	423.93
<b>Molecular formula</b>	C <sub>20</sub> H <sub>29</sub> N <sub>5</sub> O <sub>3</sub> .HCl
<b>PubChem identifier</b>	167980
<b>Storage instructions</b>	Store at Room Temperature. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in water to 50 mM
<b>Handling</b>	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

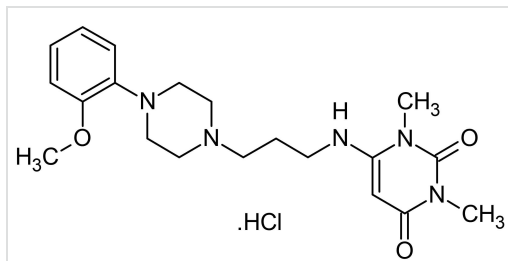
**SMILES**

CN1C(=CC(=O)N(C1=O)C)NCCCN2CCN(CC2)C3=CC=CC=C3OC.Cl

**Source**

Synthetic

**Images**



2D chemical structure image of ab142960, Urapidil hydrochloride, alpha1-adrenoceptor antagonist

Chemical Structure - Urapidil hydrochloride, alpha<sub>1</sub>-adrenoceptor antagonist (ab142960)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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