

Product datasheet

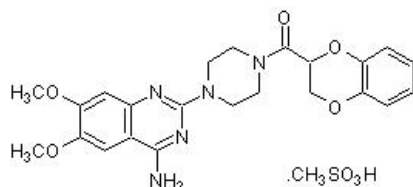
# Doxazosin mesylate, alpha1 adrenoceptor antagonist

## ab120754

1 Image

### Overview

<b>Product name</b>	Doxazosin mesylate, alpha1 adrenoceptor antagonist
<b>Description</b>	Selective $\alpha_1$ adrenoceptor antagonist
<b>Biological description</b>	Selective $\alpha_1$ adrenoceptor antagonist ( $pK_i$ values are 9.0, 8.5 and 8.4 at $\alpha_{1B}$ , $\alpha_{1A}$ and $\alpha_{1D}$ receptors, respectively). Shows antihypertensive activity and induces apoptosis.
<b>Purity</b>	> 99%
<b>CAS Number</b>	77883-43-3
<b>Chemical structure</b>	



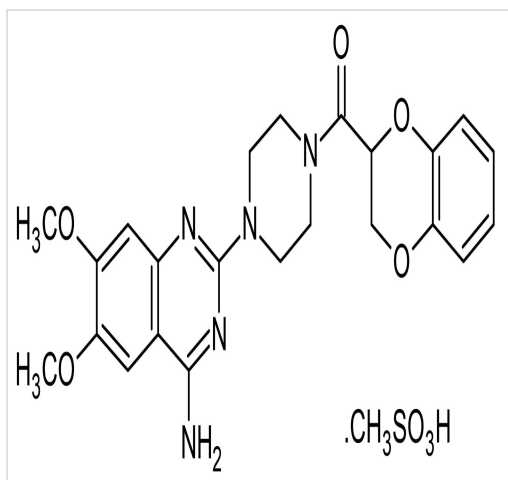
### Properties

<b>Chemical name</b>	1-(4-Amino-6,7-dimethoxy-2-quinazolinyl)-4-[(2,3-dihydro-1,4-benzodioxin-2-yl)carbonyl]piperazine methanesulfonate
<b>Molecular weight</b>	547.58
<b>Molecular formula</b>	$C_{23}H_{25}N_5O_5 \cdot CH_3SO_3H$
<b>Storage instructions</b>	Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in DMSO to 75 mM
<b>Handling</b>	<p>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 <math>-20^{\circ}\text{C}</math>. 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.</p> <p>Toxic, refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>

Source

Synthetic

## Images



2D chemical structure image of ab120754, Doxazosin mesylate, alpha1 adrenoceptor antagonist

Chemical Structure - Doxazosin mesylate, alpha<sub>1</sub> adrenoceptor antagonist (ab120754)

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