

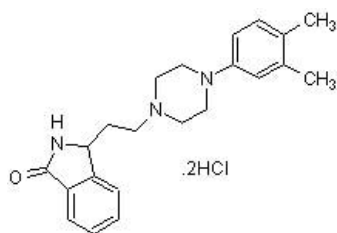
Product datasheet

# PD 168568 dihydrochloride, D4 antagonist ab120611

[1 References](#) [1 Image](#)

## Overview

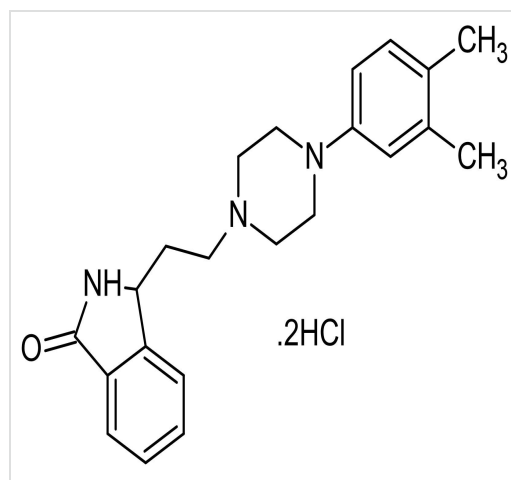
<b>Product name</b>	PD 168568 dihydrochloride, D4 antagonist
<b>Description</b>	Potent and selective D <sub>4</sub> antagonist
<b>Biological description</b>	Potent and selective D <sub>4</sub> antagonist (K <sub>i</sub> = 8.8 nM at D <sub>4</sub> , and 1842 nM at D <sub>2</sub> ). Inhibits amphetamine stimulated locomotor activity <i>in vivo</i> ; orally active.
<b>Purity</b>	> 99%
<b>CAS Number</b>	210688-56-5
<b>Chemical structure</b>	



## Properties

<b>Chemical name</b>	3-[2-[4-(3,4-dimethylphenyl)-1-piperazinyl]ethyl]-2,3-dihydro-1H-indolizin-1-one dihydrochloride
<b>Molecular weight</b>	422.40
<b>Molecular formula</b>	C <sub>22</sub> H <sub>27</sub> N <sub>3</sub> O.2HCl
<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 water to 50 mM and in DMSO to 100 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 -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.</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>
<b>Source</b>	Synthetic

## Images



Chemical Structure - PD 168568 dihydrochloride, D<sub>4</sub> antagonist (ab120611)

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

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