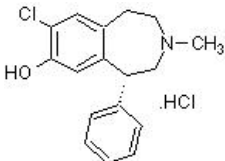


Product datasheet

SCH 23390 hydrochloride, D<sub>1</sub>-like dopamine receptor antagonist ab120597

2 References

Overview

<b>Product name</b>	SCH 23390 hydrochloride, D <sub>1</sub> -like dopamine receptor antagonist
<b>Description</b>	Selective D <sub>1</sub> -like dopamine receptor antagonist
<b>Biological description</b>	Selective D <sub>1</sub> -like dopamine receptor antagonist. K <sub>i</sub> values are 0.2 (D <sub>1</sub> ), 0.3 (D <sub>5</sub> ), 1100 (D <sub>2</sub> ), 800 (D <sub>3</sub> ) and 3000 nM (D <sub>4</sub> ). Some activity at 5-HT receptors (K <sub>i</sub> values are 6.3 and 14.8 nM for 5-HT <sub>1C</sub> and 5-HT <sub>2C</sub> , respectively). Antipsychotic properties. Centrally active following subcutaneous administration.
<b>Purity</b>	> 99%
<b>CAS Number</b>	125941-87-9
<b>Chemical structure</b>	

Properties

<b>Chemical name</b>	(R)-(+)-7-Chloro-8-hydroxy-3-methyl-1-phenyl-2,3,4,5-tetrahydro-1H-3-benzazepine hydrochloride
<b>Molecular weight</b>	324.25
<b>Molecular formula</b>	C <sub>17</sub> H <sub>18</sub> ClNO.HCl
<b>Storage instructions</b>	Store at +4°C. It is important to note that this product is reported to be light sensitive. Store In the Dark. Store under desiccating conditions.
<b>Solubility overview</b>	Soluble in water 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>

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

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