

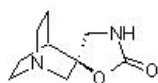
## Product datasheet

# AR-R 17779 hydrochloride, $\alpha 7$ nAChR agonist ab142817

1 Image

### Overview

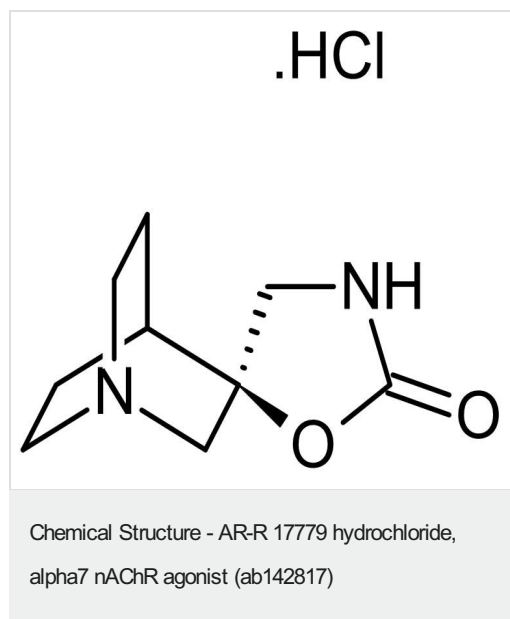
<b>Product name</b>	AR-R 17779 hydrochloride, $\alpha 7$ nAChR agonist
<b>Description</b>	Potent, selective $\alpha 7$ nAChR agonist
<b>Biological description</b>	Potent, selective $\alpha 7$ nAChR agonist ( $EC_{50}$ = 420 nM). Shows excitatory central effects <i>in vivo</i> . Blood-brain barrier permeable.
<b>CAS Number</b>	178419-42-6
<b>Chemical structure</b>	.HCl



### Properties

<b>Chemical name</b>	(3S)-Spiro[1-azabicyclo[2.2.2]octane-3,5'-oxazolidin]-2'-one hydrochloride
<b>Molecular weight</b>	218.68
<b>Molecular formula</b>	C <sub>9</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub> .HCl
<b>PubChem identifier</b>	9859263
<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 50 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>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>
<b>SMILES</b>	Cl.O=C3NC[C@@]2(CN1CCC2CC1)O3

## Images



2D chemical structure image of ab142817, AR-R 17779  
hydrochloride, alpha7 nAChR agonist

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

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