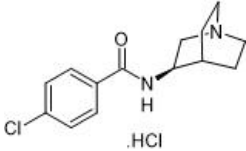


Product datasheet

PNU 282987, $\alpha 7$ nAChR agonist ab120558

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

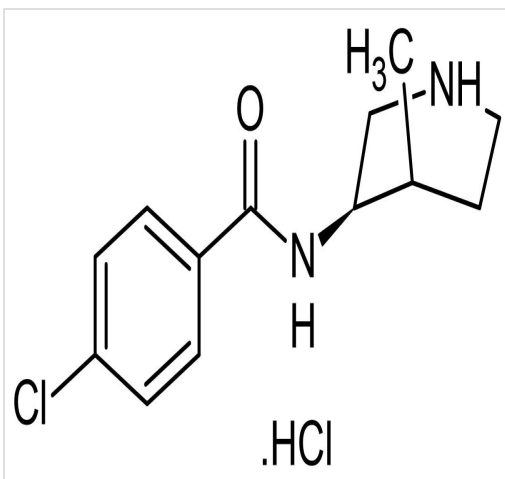
Overview

Product name	PNU 282987, $\alpha 7$ nAChR agonist
Description	Selective $\alpha 7$ nAChR agonist
Biological description	Selective $\alpha 7$ nAChR agonist. Negligible activity at $\alpha 1\beta 1\gamma \delta$ and $\alpha 3\beta 4$ receptors. High affinity for rat $\alpha 7$ nACh receptors ($K_i = 26$ nM). Functional antagonist at 5-HT ₃ receptors ($IC_{50} = 4541$ nM).
CAS Number	123464-89-1
Chemical structure	

Properties

Chemical name	<i>N</i> -(3 <i>R</i>)-1-Azabicyclo[2.2.2]oct-3-yl-4-chlorobenzamide hydrochloride
Molecular weight	301.22
Molecular formula	C ₁₄ H ₁₇ ClN ₂ O.HCl
PubChem identifier	11243536
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM
Handling	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	C1CN2CCC1[C@H](C2)NC(=O)C3=CC=C(C=C3)Cl.Cl
Source	Synthetic

Images



Chemical Structure - PNU 282987, alpha7 nAChR agonist (ab120558)

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

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