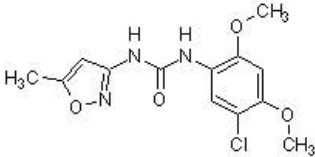


# PNU 120596, Positive allosteric modulator for alpha7 nicotinic acetylcholine receptors ab120559

[1 References](#) [1 图像](#)

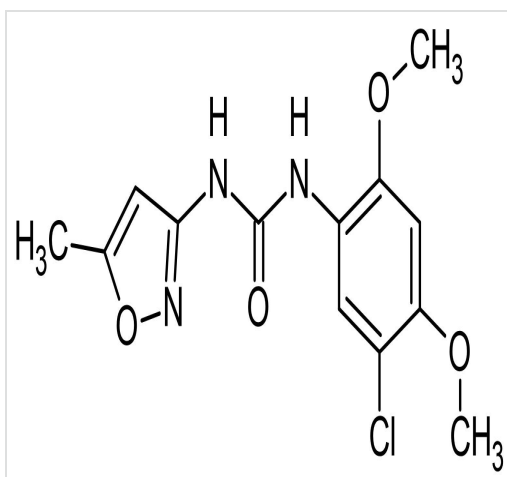
### 概述

<b>产品名称</b>	PNU 120596, Positive allosteric modulator for alpha7 nicotinic acetylcholine receptors
<b>描述</b>	Positive allosteric modulator for the $\alpha 7$ nicotinic acetylcholine receptor
<b>生物学描述</b>	Competitive, type II positive allosteric modulator for $\alpha 7$ nAChR ( $EC_{50} = 216$ nM). Increases potency of nicotinic agonists. No effect on $\alpha 4\beta 2$ , $\alpha 3\beta 4$ and $\alpha 9\alpha 10$ nAChRs. Active <i>in vivo</i> .
<b>CAS编号</b>	501925-31-1
<b>化学结构</b>	

### 性能

<b>化学名称</b>	<i>N</i> -(5-Chloro-2,4-dimethoxyphenyl)- <i>N'</i> -(5-methyl-3-isoxazolyl)urea
<b>分子量</b>	311.72
<b>分子式</b>	$C_{13}H_{14}ClN_3O_4$
<b>PubChem识别号</b>	311434
<b>存放说明</b>	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>溶解度概述</b>	Soluble in DMSO to 100 mM
<b>处理</b>	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 <a href="#">frequently asked questions (FAQ) page</a> for more details.
<b>SMILES</b>	<chem>CC1=CC(=NO1)NC(=O)NC2=CC(=C(C=C2OC)OC)Cl</chem>
<b>来源</b>	Synthetic

## 图片



Chemical Structure - PNU 120596, Positive allosteric modulator for alpha7 nicotinic acetylcholine receptors (ab120559)

2D chemical structure image of ab120559, PNU 120596, Positive allosteric modulator for alpha7 nicotinic acetylcholine receptors

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