PNU-120596

Nicotinic acetylcholine receptor activator

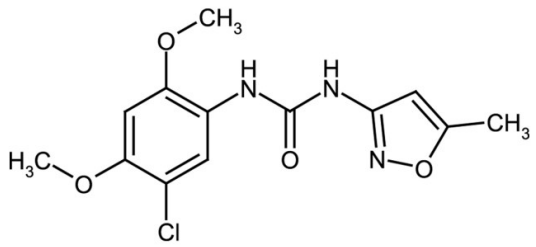
Type II positive allosteric modulator (PAM) of α7 neuronal nicotinic acetylcholine receptor (nAChR) (EC_{50}=216nM). Shows no detectable effect on α4β2, α3β4 and α9α10 receptors.

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ALX-550-526-M005	5mg

Manuals, SDS & CofA View Online »


O
CH3
H
N
H
N
O
N
O
CH3
H3C
O
Cl

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	NSC 216666, N-(5-Chloro-2,4-dimethoxyphenyl)-N'-(5-methyl-3-isoxazolyl)urea
Appearance	White to off-white solid.
CAS	501925-31-1
Couple Target	Acetylcholine receptor
Couple Type	Activator
Formula	$C_{13}H_{14}ClN_3O_4$
Identity	Determined by MS and NMR.
MW	311.7
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO (50mg/ml); slightly soluble in methanol (1mg/ml) or acetonitrile (0.5mg/ml).

Last modified: May 29, 2024

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