Fenobam

mGluR5 antagonist

Potent and selective non-competitive mGluR5 antagonist that displays inverse agonist properties; blocks mGluR5 constitutive activity *in vitro* (IC_{50} =87nM). Acts at an allosteric modulatory site shared with MPEP (Prod. No. ALX-550-368) and binds mGluR5 with Kd values of 54nM and 31nM for rat and human receptors respectively. Displays anxiolytic activity following oral administration *in vivo*.

Citations: 4 View Online »

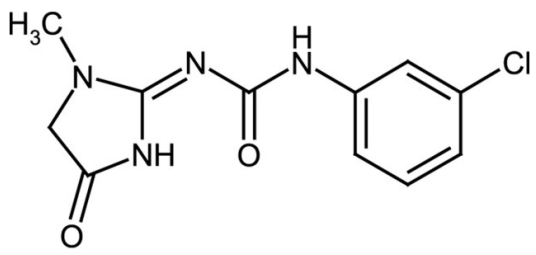
Ordering Information

Order Online »

ALX-550-413-M005	5mg

Manuals, SDS & CofA

View Online »


H3C
N
N
H
N
Cl
NH
O
O

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	+4°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	Off-white to pale orange solid.
CAS	57653-26-6
Couple Target	Metabotropic glutamate receptor
Couple Type	Inhibitor
Formula	$C_{11}H_{11}ClN_4O_2$
Identity	Determined by NMR.
MW	266.7
Purity	≥98% (1H-NMR)
Solubility	Soluble in DMSO or methanol.

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