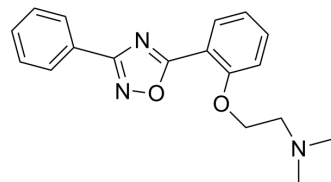


## Irampanel

Cat. No.:	HY-15082
CAS No.:	206260-33-5
Molecular Formula:	C <sub>18</sub> H <sub>19</sub> N <sub>3</sub> O <sub>2</sub>
Molecular Weight:	309.36
Target:	iGluR; Sodium Channel
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Irampanel (BIIR 561) is an AMPA receptor and voltage-dependent sodium channel blocker. Irampanel inhibits kainate-induced currents in rat cortical neurons <sup>[1]</sup> .
IC <sub>50</sub> & Target	AMPA receptor

### REFERENCES

[1]. Weiser T, et al. Characterization of the anticonvulsant and neuroprotectant BIIR 561 CL in vitro: effects on native and recombinant alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid (AMPA) receptors. *Naunyn Schmiedebergs Arch Pharmacol.* 2000 Nov;362(4-5):419-26.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA