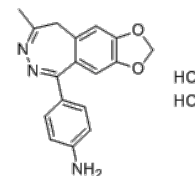


Product Name : GYKI 52466 dihydrochloride
Cat. No. : PC-61725
CAS No. : 2319722-40-0
Molecular Formula : C₁₇H₁₅N₃O₂·2HCl
Molecular Weight : 366.24
Target : iGluR
Solubility : 10 mM in DMSO



Biological Activity

GYKI 52466 dihydrochloride is a selective, non-competitive, orally active AMPA receptor (**AMPA**) antagonist with IC₅₀ of 10-20 uM against AMPA-induced responses.

GYKI 52466 displays >20-fold selectivity over kainate and NMDA receptors.

GYKI 52466 shows anticonvulsant and neuroprotective properties.

References

Tarnawa I, et al. *Eur J Pharmacol.* 1989 Aug 22;167(2):193-9.

Ouardouz M, et al. *Neurosci Lett.* 1991 Apr 15;125(1):5-8.

Donevan SD, et al. *Neuron.* 1993 Jan;10(1):51-9.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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