

Product Name : GYKI 52466 dihydrochloride

Synonyms : GYKI52466 dihydrochloride

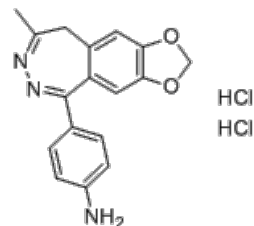
Cat No. : M10135

CAS Number : 102771-26-6

Molecular Formula : C₁₇H₁₅N₃O₂.2HCl

Formula Weight : 366.24

Chemical Name : 4-(8-Methyl-9H-1,3-dioxolo[4,5-h][2,3]benzodiazepin-5-yl)-benzenamine dihydrochloride



Description : GYKI 52466 is a selective, non-competitive, orally active AMPA receptor (AMPA) antagonist with IC₅₀ of 10-20 uM against AMPA-induced responses; displays >20-fold selectivity over kainate and NMDA receptors; shows anticonvulsant and neuroprotective properties. Alzheimer Disease Discontinued

Pathway : Membrane Transporter/Ion Channel

Target : iGluR

Receptor : iGluR

Solubility : —

SMILES : NC1=CC=C(C(=NN=C(C)CC3=CC4=C(OCO4)C=C32)C=C1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Tarnawa J, et al. Eur J Pharmacol. 1989 Aug 22;167(2):193-9. 2. Ouardouz M, et al. Neurosci Lett. 1991 Apr 15;125(1):5-8. 3. Donevan SD, et al. Neuron. 1993 Jan;10(1):51-9.