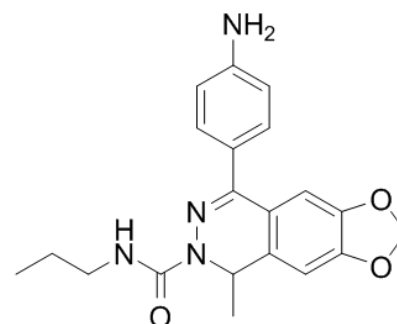


Product Name : SYM2206
Cat. No. : PC-45528
CAS No. : 173952-44-8
Molecular Formula : C₂₀H₂₂N₄O₃
Molecular Weight : 366.4137
Target : iGluR
Solubility : 10 mM in DMSO



Biological Activity

SYM2206 is an allosteric, non-competitive antagonist of the **AMPA receptor** with IC₅₀ of 2.8 μM.

SYM2206 acts allosterically at the same regulatory site as GYKI 52466 and 53655 and other benzodiazepines but does not bind to the central diazepam binding site.

SYM2206 shows selectivity for AMPA relative to kainate receptor sub-types.

References

Pei XF, et al. *Bioorg Med Chem Lett*. 1999 Feb 22;9(4):539-42.

Li P, et al. *Nature*. 1999 Jan 14;397(6715):161-4.

Behr J, et al. *Eur J Neurosci*. 2002 Sep;16(5):861-7.

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

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