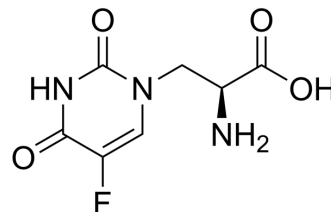


## (S)-(-)-5-Fluorowillardiine

Cat. No.:	HY-16713
CAS No.:	140187-23-1
Molecular Formula:	C <sub>7</sub> H <sub>8</sub> FN <sub>3</sub> O <sub>4</sub>
Molecular Weight:	217.15
Target:	iGluR
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	(S)-(-)-5-Fluorowillardiine is a potent and specific AMPAR agonist.
IC <sub>50</sub> & Target	AMPA Receptor

### REFERENCES

- [1]. Hawkinson JE, et al. Effects of thiocyanate and AMPA receptor ligands on (S)-5-fluorowillardiine, (S)-AMPA and (R,S)-AMPA binding. *Eur J Pharmacol.* 1997 Jun 25;329(2-3):213-21.
- [2]. Kessler M, et al. Use of [3H]fluorowillardiine to study properties of AMPA receptor allosteric modulators. *Brain Res.* 2006 Mar 3;1076(1):25-41.
- [3]. Rembach A, et al. Antisense peptide nucleic acid targeting GluR3 delays disease onset and progression in the SOD1 G93A mouse model of familial ALS. *J Neurosci Res.* 2004 Aug 15;77(4):573-82.

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

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