



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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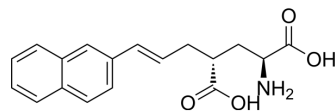
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## LY339434

Cat. No.:	HY-114550
CAS No.:	219566-62-8
Molecular Formula:	C <sub>18</sub> H <sub>19</sub> NO <sub>4</sub>
Molecular Weight:	313.35
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

<b>Description</b>	LY339434 is a potent and selective agonist for the hydrochloride receptor GluR5. LY339434 affects the rapid death of neurons through n-methyl-D-aspartate (NMDA) receptors <sup>[1][2]</sup> .
<b>In Vitro</b>	LY339434 (1-1000 μM, 24 h) inhibits cortical neuronal cell activity in a concentration-dependent manner. EC <sub>50</sub> was 11.4 μM <sup>[2]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. Small B, et al. LY339434, a GluR5 kainate receptor agonist. *Neuropharmacology*. 1998 Oct-Nov;37(10-11):1261-7.
- [2]. Moldrich RX, et al. Excitotoxic profile of LY339434, a GluR5 agonist, in cultured murine cortical neurons. *Brain Res*. 2000 Apr 17;862(1-2):270-5.

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

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