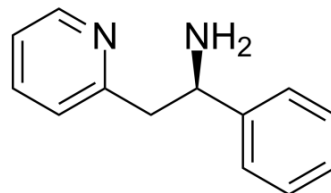


(R)-Lanicemine

Cat. No.:	HY-108235C
CAS No.:	190581-71-6
Molecular Formula:	C ₁₃ H ₁₄ N ₂
Molecular Weight:	198.26
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

(R)-Lanicemine ((R)-AZD6765) is the less active R-enantiomer of Lanicemine. Lanicemine (AZD6765) is a low-trapping NMDA channel blocker (K_i of 0.56-2.1 μ M for NMDA receptor; IC_{50} s of 4-7 μ M and 6.4 μ M in CHO and *Xenopus* oocyte cells, respectively). Antidepressant effects^[1].

REFERENCES

[1]. Sanacora G, et al. Lanicemine: a low-trapping NMDA channel blocker produces sustained antidepressant efficacy with minimal psychotomimetic adverse effects. *Mol Psychiatry*. 2014 Sep;19(9):978-85.

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

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