

Product Data Sheet

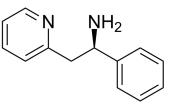
(R)-Lanicemine

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 μM for NMDA receptor; IC₅₀s of 4-7 μM and 6.4 μM 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 efficacywith 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA

Inhibitors