

of Ro 25-6981 for antagonism of the NR1C & NR2B, NR1F & NR2B and NR1C & NR2A receptors are 0.009 μ M, 0.017 μ M and 52 μ M, respectively. Moreover, Ro 25-6981 has been revealed to protect the neurons in concentration-dependent fashion in both two toxicity tests with the IC50 values of 0.4 μ M in the glutamate toxicity test and 0.04 μ M in the OGD test [1].

Reference:

[1] Fischer G1, Mutel V, Trube G, Malherbe P, Kew JN, Mohacsi E, Heitz MP, Kemp JA. Ro 25-6981, a highly potent and selective blocker of N-methyl-D-aspartate receptors containing the NR2B subunit. Characterization in vitro. *J Pharmacol Exp Ther.* 1997 Dec;283(3):1285-92.

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ApexBio Technology

www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com