

The **21-aminosteroid U74389G** exhibits **radioprotection** effect on normal **brain tissue**, but does not appear to protect the tumor in an in vivo rat radiosurgery model. Kondziolka et al. believed that the observed beneficial effects on healthy brain led to significant prolongation of animal survival; perhaps, by limiting the adverse effects of high-dose **radiosurgery**. This radioprotectant should be evaluated in randomized clinical trials in patients with malignant brain tumors ¹⁾

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Kondziolka D, Mori Y, Martinez AJ, McLaughlin MR, Flickinger JC, Lunsford LD. Beneficial effects of the radioprotectant 21-aminosteroid U-74389G in a radiosurgery rat malignant glioma model. Int J Radiat Oncol Biol Phys. 1999 Apr 1;44(1):179-84. PubMed PMID: 10219812.

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