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Title: Comparative one- and two-photon uncaging of MNI-glutamate and MNI-kainate on hippocampal CA1 neurons

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keywords: uncaging, glutamate, kainate

Highlights.

- Detailed comparison of one- and two-photon uncaging of MNI-Glu and MNI-kainate.
- Influence of type of agonist, light source and uncaging conditions on cellular response.
- MNI-Glu uncaging induces larger current responses compared to MNI-kainate.
- Two-photon uncaging of MNI-kainate at single spines of CA1 neurons in brain slices.

Abstract.

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