

Corrections

Stereochemistry of Glutamate Receptor Agonist Efficacy: Engineering a Dual-Specificity AMPA/Kainate Receptor, by Dean R. Madden, Qing Cheng, Shalita Thiran, Shanti Rajan, Frank Rigo, Kari Keinänen, Stefan Reinelt, Herbert Zimmermann, and Vasanthi Jayaraman,* Volume 43, Number 50, December 21, 2004, pages 15838–15844.

Page 15840. The electrophysiological data in Figure 1 showed that kainate acts with the same efficacy as glutamate and AMPA on GluR4-L651V mutant receptors. These data cannot be reproduced. Instead, more recent experiments indicate that kainate has an efficacy for the GluR4-L651V channels lower than that originally reported but still greater than that seen for wild-type GluR4 channels. The reported spectroscopic data are unchanged, but the way individual signals track efficacy changes must be interpreted in light of the partial efficacy of kainate for the mutant channels.

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