

CONTROL ID: 2290876

PRESENTATION TYPE: Contributed Paper : Oral

CURRENT SUBJECT AREA: Organic (4)

CURRENT SYMPOSIA: Molecular Function of Natural Products: Advances towards Chemical Biology (# 237)

Abstract

TITLE: Studies on synthesis and structure-activity relationships of neuroactive glutamate analogs

Abstract Body: Ionotropic glutamate receptors (iGluRs) mediate majority of fast excitatory neurotransmission in the central nervous system. Since iGluRs are thought to play an important role in higher brain functions such as learning, memory, and nociception, we have been studying synthesis of artificial glutamate analogs inspired by natural products to investigate iGluRs in detail. Here, we report our recent progress toward development of selective modulators of iGluRs.

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Presentation Type Detail: I will accept either presentation format: oral or poster.

Invited Paper :

Invited Paper Confirmation:

Student Poster Competition:

Visa: No