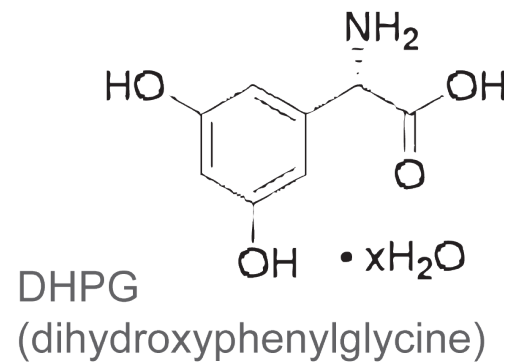
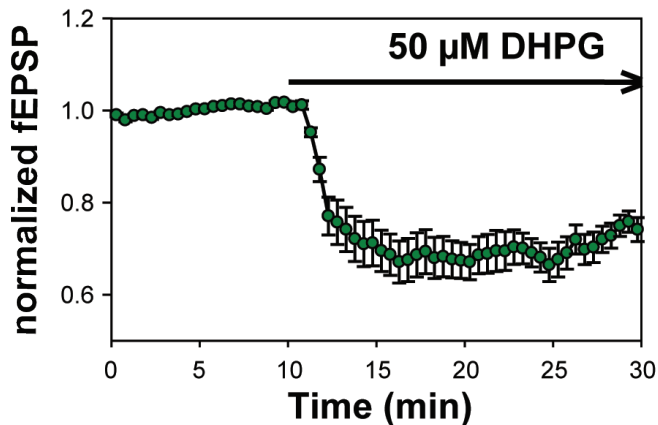


P-007 • **DHPG-INDUCED LTD** • **DHPG** • **mGluR 1/5 RECEPTORS**



BIOLOGY

Activation of Group-I mGluR (mGluR1 & mGluR5) by the selective agonist DHPG induces a sustained and persistent depression of fEPSPs recorded in CA1: chemically-induced Long-Term Depression. A role for extracellular signal-regulated protein kinase (ERK), a subclass of the mitogen-activated protein kinases (MAPKs), has been proposed to be part of the mechanism of action.

PATHOLOGIES ASSOCIATED WITH mGluR1 & mGluR5 RECEPTORS

Stroke
Epilepsy
Neurodegeneration
Addiction
Anxiety
Pain Management

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