

Calmodulin Binding Peptide 1**Cat. No.:** RP13247**Size:** 0.02 mg**Description:**

Removing endogenously bound CaM by titration with a high affinity (pM) CaM-binding peptide derived from smooth muscle myosin light-chain kinase (MLCK peptide) strongly inhibited IP3-induced Ca²⁺ release. This inhibition was concentration- and time-dependent.

Sequence (one-letter code):GVMPREETDSKTASPWKSARLMVHTVATFNSIKELNERWR
SLQQLA**Sequence (three-letter code):**{GLY}{VAL}{MET}{PRO}{ARG}{GLU}{GLU}{THR}{ASP}{SER}{
LYS}{THR}{ALA}{SER}{PRO}{TRP}{LYS}{SER}{ALA}{ARG}{L
EU}{MET}{VAL}{HIS}{THR}{VAL}{ALA}{THR}{PHE}{ASN}{SER
{ILE}{LYS}{GLU}{LEU}{ASN}{GLU}{ARG}{TRP}{ARG}{SER}{L
EU}{GLN}{GLN}{LEU}{ALA}**Formula:** C₂₃₁H₃₇₃N₆₉O₇₀S₂**Molecular Weight:** 5,301.01**Purity:** > 95%**Storage:**

Store at -20°C. Keep tightly closed. Store in a cool dry place.

Note:

*For Non-Clinical Research Use Only *

