

**DATASHEET**

Version: 2016-08-18

**Kemptide****Cat. No.:** RP10287**Size:** 1 mg**Description:**

Kemptide is a phosphate acceptor peptide that serves as a synthetic substrate for cAMP-dependent protein kinase (PKA) ( $K_m$   $\mu$ M). The corresponding fluorescent and biotinylated peptides are also proven to be good substrates for PKA. The sequence defines the phosphorylation site of porcine liver pyruvate kinase.

**Cas No:** 65189-71-1**Sequence (one-letter code):**

LRRASLG

**Sequence (three-letter code):**

{LEU}{ARG}{ARG}{ALA}{SER}{LEU}{GLY}

**Solubility:** Soluble in water. 10 mg/ml, clear, colorless**Formula:**  $C_{32}H_{61}N_{13}O_9$ **Molecular Weight:** 771.9**Purity:** > 95%**Storage:**

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

**Note:**

\*For Non-Clinical Research Use Only \*

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