

Product Data Sheet

Screening Libraries

Proteins

Kemptide, 5-FAM labeled

Cat. No.: HY-P0248F CAS No.: 1161072-61-2 Molecular Formula: $C_{53}H_{71}N_{13}O_{15}$ Molecular Weight: 1130.21

Sequence: 5-FAM-Leu-Arg-Arg-Ala-Ser-Leu-Gly

Sequence Shortening: 5-FAM-LRRASLG

Target: Others Pathway: Others

Please store the product under the recommended conditions in the Certificate of Storage:

Analysis.

BIOLOGICAL ACTIVITY

Description

Kemptide, 5-FAM labeled is a biological active peptide. (Kemptide is a phosphate acceptor peptide that serves as a synthetic substrate for PKA (Km = $16 \mu M$). The corresponding fluorescent and biotinylated peptides are also proven to be good substrates for PKA. 5-FAM labeled HY-P0248)

Caution: Product has not been fully validated for medical applications. For research use only.

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