

## S3 Fragment

<b>Cat. No.:</b>	HY-P5455
<b>Molecular Formula:</b>	C <sub>73</sub> H <sub>120</sub> N <sub>18</sub> O <sub>24</sub> S <sub>2</sub>
<b>Molecular Weight:</b>	1697.97
<b>Sequence:</b>	Met-Ala-Ser-Gly-Val-Met-Val-Ser-Asp-Asp-Val-Val-Lys-Val-Phe-Asn
<b>Sequence Shortening:</b>	MASGVMVSDDVVKVFN
<b>Target:</b>	LIM Kinase (LIMK)
<b>Pathway:</b>	Cell Cycle/DNA Damage
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

S3 Fragment is a biological active peptide. (This peptide contains the unique amino-terminal phosphorylation site of Xenopus ADF/cofilin, the LIM kinase (LIMK) phosphorylation site. LIMK1 is a key regulator of the actin cytoskeleton through its phosphorylation of ADF/cofilin at serine-3 for inactivation. This peptide is a fragment of the S3 peptide containing the serine-3 sequence of ADF/cofilin that has been widely used as an effective competitive inhibitor of LIMK1.)

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA