

Kemtamide

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| Cat. No.: | HY-P2162 |
| CAS No.: | 89315-28-6 |
| Molecular Formula: | C ₆₅ H ₁₁₂ N ₂₄ O ₁₈ |
| Molecular Weight: | 1517.73 |
| Sequence Shortening: | KKRPQRATSNVFS-NH2 |
| Target: | Myosin |
| Pathway: | Cytoskeleton |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |

BIOLOGICAL ACTIVITY

Description

Kemtamide, a 13 amino acid fragment with a sequence corresponding to residues 11-23 of gizzard light chain. Kemtamide is a peptide substrate of myosin light-chain kinase (MLCK)^[1].

REFERENCES

[1]. C Foster, et al. Tryptic digestion of myosin light chain kinase produces an inactive fragment that is activated on continued digestion. Arch Biochem Biophys. 1986 Dec;251(2):616-23.

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

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