

## MAQAAEYR

Cat. No.:	HY-P5317
Molecular Formula:	C <sub>48</sub> H <sub>71</sub> N <sub>13</sub> O <sub>15</sub> S
Molecular Weight:	1102.22
Sequence:	Met-Ala-Gln-Ala-Ala-Glu-Tyr-Tyr-Arg
Sequence Shortening:	MAQAAEYR
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

<b>Description</b>	MAQAAEYR is an antioxidant active peptide that can be isolated from pancreatin hydrolysate of C-phycoyanin. MAQAAEYR has high DPPH and ABTS radical scavenging ability. MAQAAEYR protects zebrafish larvae from H <sub>2</sub> O <sub>2</sub> -induced oxidative damage <sup>[1]</sup> .
--------------------	--

### REFERENCES

[1]. Fenghua Xu, et al. Three novel antioxidant peptides isolated from C-phycoyanin against H<sub>2</sub>O<sub>2</sub>-induced oxidative stress in zebrafish via Nrf2 signaling pathway. Front. Mar. Sci., 23 December 2022. Volume 9.

**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

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