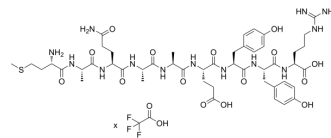


## MAQAAEYR TFA

Cat. No.:	HY-P5317A
Molecular Formula:	$C_{48}H_{71}N_{13}O_{15}S \cdot xC_2HF_3O_2$
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

#### Description

MAQAAEYR TFA is an antioxidant active peptide that can be isolated from pancreatin hydrolysate of C-phycoyanin. MAQAAEYR TFA has high DPPH and ABTS radical scavenging ability. MAQAAEYR TFA 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.**

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