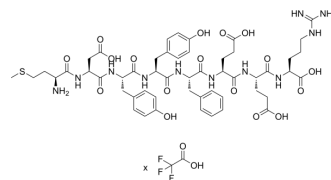


## MDYYFEER TFA

<b>Cat. No.:</b>	HY-P5318A
<b>Molecular Formula:</b>	$C_{52}H_{69}N_{11}O_{17}S \cdot xC_2HF_3O_2$
<b>Sequence:</b>	Met-Asp-Tyr-Tyr-Phe-Glu-Glu-Arg
<b>Sequence Shortening:</b>	MDYYFEER
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

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

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