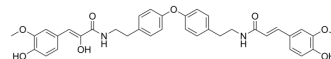


## Lyciumamide A

Cat. No.:	HY-155704
CAS No.:	1647111-40-7
Molecular Formula:	C <sub>36</sub> H <sub>36</sub> N <sub>2</sub> O <sub>8</sub>
Molecular Weight:	624.68
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

DPP-IV-IN-5 is isolated from the fruits of *Lycium barbarum*. DPP-IV-IN-5 exerts moderate agonistic activities for peroxisome proliferator-activated receptor (PPAR $\gamma$ ) with EC<sub>50</sub> values of 10.09 - 44.26  $\mu$ M and also presents inhibitory activity on dipeptidyl peptidase-4 (DPPIV) with an IC<sub>50</sub> value of 47.13  $\mu$ M [1].

### REFERENCES

[1]. Chen H, et al. Structurally Diverse Phenolic Amides from the Fruits of *Lycium barbarum* with Potent  $\alpha$ -Glucosidase, Dipeptidyl Peptidase-4 Inhibitory, and PPAR- $\gamma$  Agonistic Activities. *J Agric Food Chem.* 2023 Jul 26;71(29):11080-11093.

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

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