

## Retrocyclin-101

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<b>Cat. No.:</b>	HY-P5642
<b>CAS No.:</b>	536757-16-1
<b>Molecular Formula:</b>	C <sub>74</sub> H <sub>130</sub> N <sub>28</sub> O <sub>19</sub> S <sub>6</sub>
<b>Molecular Weight:</b>	1908.39
<b>Sequence:</b>	Gly-Ile-Cys-Arg-Cys-Ile-Cys-Gly-Lys-Gly-Ile-Cys-Arg-Cys-Ile-Cys-Gly-Arg (Disulfide bridge:Cys3-Cys16;Cys5-Cys14;Cys7-Cys12)
<b>Sequence Shortening:</b>	GICRCICGKGICRCICGR (Disulfide bridge:Cys3-Cys16;Cys5-Cys14;Cys7-Cys12)
<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
Retrocyclin-101 is an antimicrobial peptide against of bacterial and viral <sup>[1]</sup> .

### REFERENCES

[1]. Lee SB, et al. Expression and characterization of antimicrobial peptides Retrocyclin-101 and Protegrin-1 in chloroplasts to control viral and bacterial infections. Plant Biotechnol J. 2011 Jan;9(1):100-15.

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

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