

ROAD-1

Cat. No.:	HY-P5625
Molecular Formula:	C ₁₄₅ H ₂₄₅ N ₆₁ O ₄₄ S ₆
Molecular Weight:	3739.27
Sequence:	Arg-Arg-Thr-Cys-His-Cys-Arg-Ser-Arg-Cys-Leu-Arg-Arg-Glu-Ser-Asn-Ser-Gly-Ser-Cys-Asn-Ile-Asn-Gly-Arg-Ile-Phe-Ser-Leu-Cys-Cys-Arg (Disulfide bridge:Cys4-Cys31; Cys6-Cys20; Cys10-Cys30)
Sequence Shortening:	RRTCHCRSRCLRRESNSGSCNINGRIFSLCCR (Disulfide bridge:Cys4-Cys31; Cys6-Cys20; Cys10-Cys30)
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	ROAD-1 is an oral mucosal α -defensin of Rhesus Macaque. ROAD-1 is active against <i>S. aureus</i> , <i>E. coli</i> , and <i>C. albicans</i> ^[1] .
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REFERENCES

[1]. Vasudevan S, et, al. Synthesis, structure, and activities of an oral mucosal alpha-defensin from rhesus macaque. J Biol Chem. 2008 Dec 19;283(51):35869-77.

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

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