

PhD2

Cat. No.:	HY-P5648
Molecular Formula:	C ₁₆₁ H ₂₆₄ N ₅₈ O ₃₆ S ₆
Molecular Weight:	3780.58
Sequence:	Arg-Ile-Cys-Arg-Cys-Arg-Ile-Gly-Arg-Cys-Leu-Gly-Leu-Glu-Val-Tyr-Phe-Gly-Val-Cys-Phe-Leu-His-Gly-Arg-Leu-Ala-Arg-Arg-Cys-Cys-Arg (Disulfide bridge:Cys3-Cys31, Cys5-Cys20, Cys10-Cys30)
Sequence Shortening:	RICRCRIGRCLGLEVYFGVCFHLHGRLARRCCR (Disulfide bridge:Cys3-Cys31, Cys5-Cys20, Cys10-Cys30)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	PhD2 is an antimicrobial peptide derived from monkey white blood cells. PhD2 has activity against bacteria and fungus <i>Candida albicans</i> ^[1] .
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REFERENCES

[1]. Tsvetkova EV, et al. alpha-Defensins from blood leukocytes of the monkey *Papio hamadryas*. *Biochemistry (Mosc)*. 2006 Aug;71(8):879-83.

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