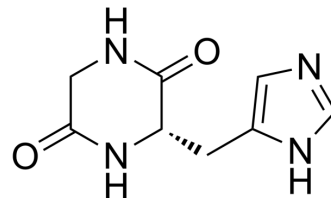


Cyclo(Gly-His)

Cat. No.:	HY-P5033
CAS No.:	15266-88-3
Molecular Formula:	C ₈ H ₁₀ N ₄ O ₂
Molecular Weight:	194.19
Sequence:	Cyclo(Gly-His)
Sequence Shortening:	Cyclo(GH)
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Cyclo(Gly-His) is a liposome-encapsulated cyclic dipeptide with antimicrobial and anticancer activity. Cyclo(Gly-His) has cytotoxicity for HeLa and MCF-7 cell with IC ₅₀ values of 1.699 mM and 0.358 mM, respectively. Cyclo(Gly-His) can be used for the research of drug delivery systems ^[1] .
IC ₅₀ & Target	IC ₅₀ : 1.699 mM (HeLa cell) and 0.358 mM (MCF-7 cell) ^[1] .
In Vitro	Cyclo(Gly-His) has cytotoxicity for HeLa and MCF-7 cell with IC ₅₀ values of 1.699 mM and 0.358 mM, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Kilian G, et al. Anticancer activity of the liposome-encapsulated cyclic dipeptides, cyclo(His-Gly) and cyclo(His-Ala). Pharmazie. 2013;68(3):207-211.

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

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