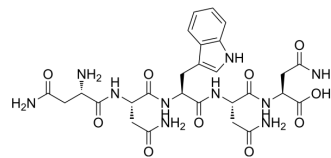


Extracellular death factor

Cat. No.:	HY-P2145
CAS No.:	960129-66-2
Molecular Formula:	C ₂₇ H ₃₆ N ₁₀ O ₁₀
Molecular Weight:	660.64
Sequence:	Asn-Asn-Trp-Asn-Asn
Sequence Shortening:	NNWNN
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Extracellular death factor (EDF) is the only single signaling molecule involved in Escherichia coli quorum sensing, and can initiate MAZEF-mediated cell death. Extracellular death factor significantly amplifies the endoribonucleolytic activities of both MazF and ChpBK^[1].

REFERENCES

[1]. Belitsky M, et al. The Escherichia coli extracellular death factor EDF induces the endoribonucleolytic activities of the toxins MazF and ChpBK. Mol Cell. 2011;41(6):625-635.

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

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