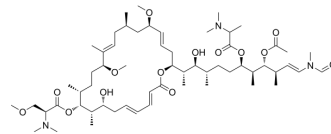


Aplyronine B

Cat. No.:	HY-N10541
CAS No.:	151923-85-2
Molecular Formula:	C ₅₉ H ₁₀₁ N ₃ O ₁₄
Molecular Weight:	1076.44
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Aplyronine B is an active compound. Aplyronine B shows potent antitumor activity and has cytotoxicity against HeLa-S3 cells with an IC ₅₀ values of 2.9 nM. Aplyronine B can be used for the research of cancer ^[1] .
IC ₅₀ & Target	IC ₅₀ : 2.9 nM (HeLa-S3 cells) ^[1]
In Vitro	Aplyronine B has cytotoxicity of aplyronines against HeLa-S3 cells with an IC ₅₀ values of 2.9 nM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Makoto Ojika, et al. Aplyronines D–H from the sea hare *Aplysia kurodai*: isolation, structures, and cytotoxicity. , 68(4), 982–987. doi:10.1016/j.tet.2011.11.095

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

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