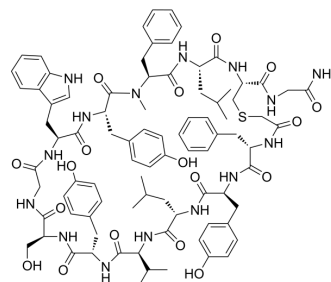


Antitumor agent-127

Cat. No.:	HY-161096
Molecular Formula:	C ₈₆ H ₁₀₇ N ₁₅ O ₁₈ S
Molecular Weight:	1670.92
Target:	ROR
Pathway:	Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Antitumor agent-127 (compound 1) is a parent macrocyclic peptide. Antitumor agent-127 displays nanomolar cell-based binding to ROR1 and relatively good internalization in 786-O and MDA-MB-231 tumor cell lines ^[1] .
In Vitro	Antitumor agent-127 (compound 1) dose not induce apoptosis in Mia PaCa-2 cells, a model pancreatic tumor cell line with a relatively low level of cell surface expression of ROR1 ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Qiao JX, et al. Exploration of macrocyclic peptide binders to the extracellular CRD domain of human receptor tyrosine kinase-like orphan receptor 1 (ROR1). *Bioorg Med Chem Lett.* 2023 Dec 13;98:129589.

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

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