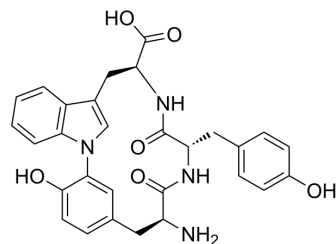


Neopetromin

Cat. No.:	HY-162397
Molecular Formula:	C ₂₉ H ₂₈ N ₄ O ₆
Molecular Weight:	528.56
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Neopetromin is a tripeptide with a rare heteroaromatic C-N cross-link between side chains of tryptophan and tyrosine. Neopetromin causes vacuole fragmentation in an actin-independent manner ^[1] .
In Vitro	Neopetromin (10 μM) causes vacuole fragmentation in an actin-independent manner in BY-2 cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Hitora Y, et al. Neopetromin, a Cyclic Tripeptide with a C-N Cross-Link, from the Marine Sponge Neopetrosia sp., That Causes Vacuole Fragmentation in Tobacco BY-2 Cells. J Nat Prod. 2024 Mar 19.

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

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