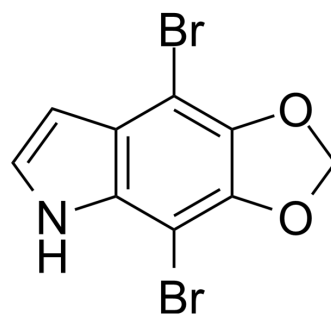


Amakusamine

Cat. No.:	HY-N10062
CAS No.:	2923661-84-9
Molecular Formula:	C ₉ H ₅ Br ₂ NO ₂
Molecular Weight:	318.95
Target:	RANKL/RANK
Pathway:	NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Amakusamine inhibits the receptor activator of nuclear factor-κB ligand (RANKL)-induced formation of multinuclear osteoclasts with an IC₅₀ value of 10.5 μM in RAW264.7 cells.

REFERENCES

[1]. Maeyama Y, et al. Amakusamine from a Psammocinia sp. Sponge: Isolation, Synthesis, and SAR Study on the Inhibition of RANKL-Induced Formation of Multinuclear Osteoclasts. *J Nat Prod.* 2021 Oct 22;84(10):2738-2743.

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

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