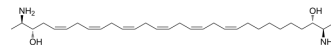


Leucettamol A

Cat. No.:	HY-125660
CAS No.:	151124-32-2
Molecular Formula:	C ₃₀ H ₅₂ N ₂ O ₂
Molecular Weight:	472.75
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Leucettamol A is an inhibitor of Ubc13-Uev1A interaction, with an IC ₅₀ of 50 µg/mL. Leucettamol A can be isolated from a marine sponge, <i>Leucetta aff. Microrhaphis</i> ^[1] .
In Vitro	Leucettamol A has been reported to inhibit the activity of the heterodimeric E2 complex Ubc13/Uev1A by blocking dimer formation ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Sachiko Tsukamoto, et al. Leucettamol A: a new inhibitor of Ubc13-Uev1A interaction isolated from a marine sponge, *Leucetta aff. Microrhaphis*. *Bioorg Med Chem Lett*. 2008 Dec 15;18(24):6319-20.
- [2]. Kimberli M Helms, et al. Vitexin inhibits polyubiquitin synthesis by the ubiquitin-conjugating enzyme E2-25K. *Nat Prod Commun*. 2011 Oct;6(10):1411-6.

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

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