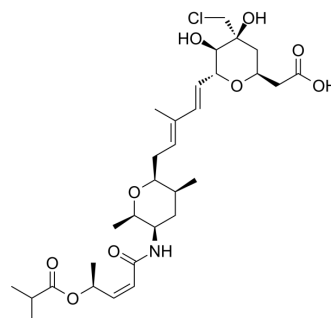


Thailanstatin C

Cat. No.:	HY-139103
CAS No.:	1426953-24-3
Molecular Formula:	C ₃₀ H ₄₆ ClNO ₉
Molecular Weight:	600.14
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Thailanstatin C is a pre-mRNA splicing inhibitor (IC ₅₀ = 6.84 μM) and antiproliferative agent from <i>Burkholderia thailandensis</i> MSMB43 ^[1] .
In Vitro	Thailanstatin C inhibits human cancer cell lines with IC ₅₀ s of 2.98-8.82 nM for DU-145, NCI-H232A, MDA-MB-231 and SKOV-3 cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Liu X, et al. Genomics-guided discovery of thailanstatins A, B, and C As pre-mRNA splicing inhibitors and antiproliferative agents from *Burkholderia thailandensis* MSMB43. *J Nat Prod.* 2013;76(4):685-693.

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

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