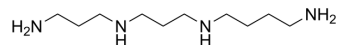


Thermospermine

Cat. No.:	HY-151224
CAS No.:	70862-11-2
Molecular Formula:	C ₁₀ H ₂₆ N ₄
Molecular Weight:	202.34
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Thermospermine, a structural isomer of Spermine, is synthesized by a thermospermine synthase designated ACAULIS5 (ACL5). Thermospermine suppresses auxin-inducible xylem differentiation in <i>Arabidopsis thaliana</i> ^[1] .
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REFERENCES

[1]. Kaori Yoshimoto, et al. Thermospermine suppresses auxin-inducible xylem differentiation in *Arabidopsis thaliana*. *Plant Signal Behav.* 2012 Aug;7(8):937-9.

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

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