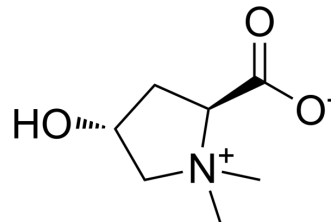


Betonicine

Cat. No.:	HY-12547
CAS No.:	515-25-3
Molecular Formula:	C ₇ H ₁₃ NO ₃
Molecular Weight:	159.18
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Betonicine (Achilleine), an alkaloid, has cell protectant activity. Betonicine protects *Bacillus subtilis* against extremes in osmolarity and growth temperatures^[1].

REFERENCES

[1]. Bashir A, et al. Plant-derived compatible solutes proline betaine and betonicine confer enhanced osmotic and temperature stress tolerance to *Bacillus subtilis*. *Microbiology (Reading)*. 2014 Oct;160(Pt 10):2283-2294.

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

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