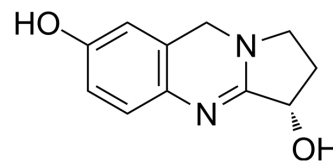


Vasicinol

Cat. No.:	HY-N1102
CAS No.:	5081-51-6
Molecular Formula:	C ₁₁ H ₁₂ N ₂ O ₂
Molecular Weight:	204
Target:	Angiotensin-converting Enzyme (ACE)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Vasicinol is a reversible inhibitor of sucrase (IC₅₀: 250 μM). Vasicinol is a HbF inducer. Vasicinol also inhibits Angiotensin-converting Enzyme (ACE). Vasicinol is a pyroquinazoline alkaloid that can be isolated from *Adhatoda vasica*^{[1][2]}.

REFERENCES

- [1]. Gao H, et al. Inhibitory effect on α-glucosidase by *Adhatoda vasica* Nees. *Food Chem.* 2008 Jun 1;108(3):965-72.
- [2]. Tehreem S, et al. A UPLC-DAD-Based Bio-Screening Assay for the Evaluation of the Angiotensin Converting Enzyme Inhibitory Potential of Plant Extracts and Compounds: Pyroquinazoline Alkaloids from *Adhatoda vasica* as a Case Study. *Molecules.* 2021 Nov 18;26(22):6971.

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

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