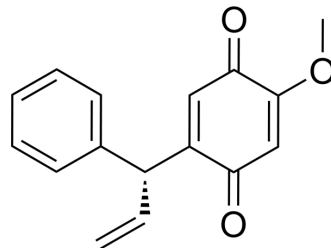


(R)-4-Methoxydalbergione

Cat. No.:	HY-N9746
CAS No.:	4646-86-0
Molecular Formula:	C ₁₆ H ₁₄ O ₃
Molecular Weight:	254.28
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(R)-4-Methoxydalbergione is a urease inhibitor with IC₅₀s of 59.72 and 67.33 μM for *Bacillus pasteurii* urease and Jack bean urease. (R)-4-Methoxydalbergione also has antiplasmodial activity. (R)-4-Methoxydalbergione can be isolated from *Ranunculus repens*^{[1][2]}.

REFERENCES

[1]. Khan WN, et al. New natural urease inhibitors from *Ranunculus repens*. *J Enzyme Inhib Med Chem*. 2006 Feb;21(1):17-9.

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

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