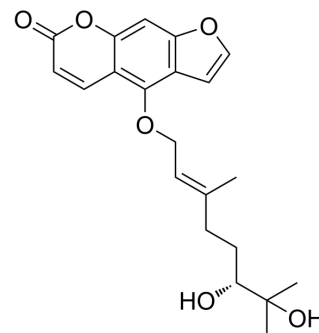


(R)-6',7'-Dihydroxybergamottin

Cat. No.:	HY-N2689
CAS No.:	264234-05-1
Molecular Formula:	C ₂₁ H ₂₄ O ₆
Molecular Weight:	372.41
Target:	Cytochrome P450
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(R)-6',7'-Dihydroxybergamottin ((R)-6',7'-DHB) is a competitive inhibitor of human and rat CYP1A1 activity with K_s of 55 μM and 1.72 μM, respectively. (R)-6',7'-Dihydroxybergamottin has the potential for cancer research^[1].

REFERENCES

[1]. Rebeca Santes-Palacios, et al. Inhibition of human and rat CYP1A1 enzyme by grapefruit juice compounds. Toxicol Lett. 2016 Sep 6:258:267-275.

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

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