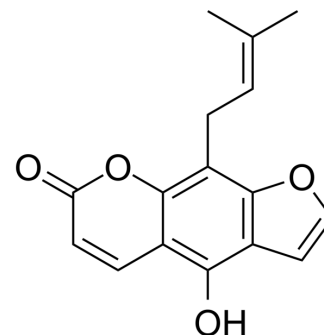


Alloisoimperatorin

Cat. No.:	HY-N8366
CAS No.:	35214-83-6
Molecular Formula:	C ₁₆ H ₁₄ O ₄
Molecular Weight:	270.28
Target:	Phosphatase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Alloisoimperatorin (Compound 5) is a phytoestrogen that can be isolated from <i>Angelica dahurica</i> . Alloisoimperatorin can induce alkaline phosphatase (AP) activity with an EC ₅₀ of 0.8 µg/mL. Alloisoimperatorin can be used in the study of hormone-dependent cancers and the alleviation of menopausal symptoms ^[1] .
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IC₅₀ & Target	EC ₅₀ : 0.8 µg/mL (Alkaline phosphatase (AP)) ^[1] .
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REFERENCES

[1]. Piao XL, et al. Estrogenic activity of furanocoumarins isolated from *Angelica dahurica*. Arch Pharm Res. 2006 Sep;29(9):741-5.

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

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