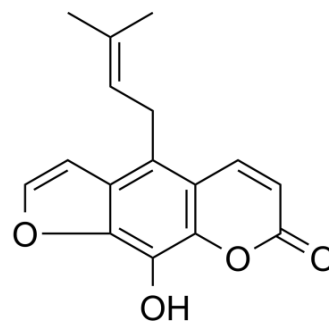


Alloimperatorin

Cat. No.:	HY-N2623
CAS No.:	642-05-7
Molecular Formula:	C ₁₆ H ₁₄ O ₄
Molecular Weight:	270.28
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description

Alloimperatorin (Prangenidin), a coumarin compound, is extracted from *Angelica dahurica*. Alloimperatorin (Prangenidin) has antitumor activity^{[1][2]}.

REFERENCES

- [1]. Chen Q, et al. Supercritical fluid extraction for identification and determination of volatile metabolites from *Angelica dahurica* by GC-MS. *J Sep Sci.* 2008 Oct;31(18):3218-24.
- [2]. Li, H, et al. Alloimperatorin and Its Epoxide Derivative Exhibit in Vitro Antitumor Activity in HL-60 Acute Myeloid Leukemia Cancer Cells via Inducing Apoptosis, Cell Cycle Disruption and Inhibition of Cell Migration. *Bangladesh Journal of Pharmacology*, Vol. 11, no. 1, Jan. 2016, pp. 194-9.

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

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