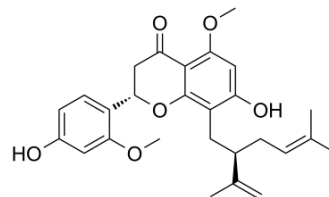


(2S)-2'-Methoxykurarinone

Cat. No.:	HY-N1746
CAS No.:	270249-38-2
Molecular Formula:	C ₂₇ H ₃₂ O ₆
Molecular Weight:	452.54
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description

(2S)-2'-Methoxykurarinone, a compound isolated from the roots of *Sophora flavescens*, has anti-inflammatory, antipyretic, antidiabetic, and antineoplastic effects. (2S)-2'-Methoxykurarinone (MK) inhibits osteoclastogenesis and bone resorption through down-regulation of RANKL signaling. (2S)-2'-Methoxykurarinone (MK) displays cytotoxic activity against human myeloid leukemia HL-60 cells^{[1][2]}.

REFERENCES

- [1]. Kim JY, et al. (2S)-2'-Methoxykurarinone inhibits osteoclastogenesis and bone resorption through down-regulation of RANKL signaling. *Biol Pharm Bull.* 2014;37(2):255-61.
- [2]. Kang TH, et al. Cytotoxic lavandulyl flavanones from *Sophora flavescens*. *J Nat Prod.* 2000 May;63(5):680-1.

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

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