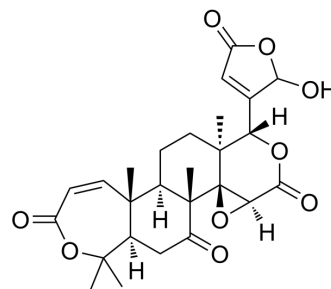


Kihadanin A

Cat. No.:	HY-N8761
CAS No.:	125276-62-2
Molecular Formula:	C ₂₆ H ₃₀ O ₉
Molecular Weight:	486.51
Target:	NO Synthase
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Kihadanin A (compound 3) is a limonoid NOS3 inhibitor that can be isolated from the methanol extract of <i>Dictamnus dasycarpus</i> root bark. Kihadanin A is useful in the study of hyperuricemia (HUA) ^{[1][2][3]} .
IC ₅₀ & Target	iNOS3 ^[2]

REFERENCES

- [1]. Guo XX, et al. [Chemical constituents from root barks of *Dictamnus dasycarpus* and their cytotoxic activities]. *Zhongguo Zhong Yao Za Zhi*. 2018 Dec;43(24):4869-4877. Chinese.
- [2]. Wang L L, Jiang C S, Fu Y, et al. Two new limonoids from the root bark of Chinese medicinal plant *Dictamnus dasycarpus*[J]. *Helvetica Chimica Acta*, 2014, 97(9): 1301-1306.
- [3]. Chen Q, et al. Computational biomedical modeling and screening for prediction of molecular mechanisms of Simiao Pill against hyperuricemia[J]. *Journal of Molecular Liquids*, 2023, 381: 121827.

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

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