



# SZABO SCANDIC

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## Produktinformation



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Diagnostik & molekulare Diagnostik



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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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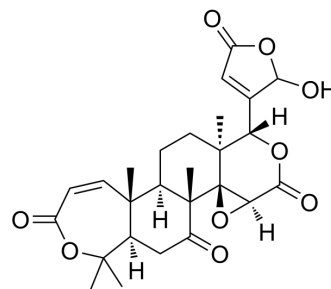
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## Kihadanin A

<b>Cat. No.:</b>	HY-N8761		
<b>CAS No.:</b>	125276-62-2		
<b>Molecular Formula:</b>	C <sub>26</sub> H <sub>30</sub> O <sub>9</sub>		
<b>Molecular Weight:</b>	486.51		
<b>Target:</b>	NO Synthase		
<b>Pathway:</b>	Immunology/Inflammation		
<b>Storage:</b>	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

<b>Description</b>	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) <sup>[1][2][3]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	iNOS3 <sup>[2]</sup>

### 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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