



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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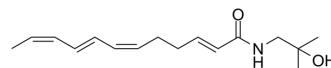
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## Hydroxy-Epsilon-Sanshool

Cat. No.:	HY-N7013
CAS No.:	252193-26-3
Molecular Formula:	C <sub>16</sub> H <sub>25</sub> NO <sub>2</sub>
Molecular Weight:	263.38
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Hydroxy-Epsilon-Sanshool is an alkylamide isolated from *Zanthoxylum bungeanum*. Hydroxy-Epsilon-Sanshool produces key tingling and numbing chemosensates, and its content is important in determining the pungency intensity of *Zanthoxylum bungeanum*<sup>[1][2]</sup>.

### REFERENCES

[1]. Zhang LL, et al. The relationship between alkylamide compound content and pungency intensity of *Zanthoxylum bungeanum* based on sensory evaluation and ultra-performance liquid chromatography-mass spectrometry/ mass spectrometry (UPLC-MS/MS) analysis. *J Sci Food Agric.* 2019 Mar 15;99(4):1475-1483.

[2]. Bader M, et al. All-trans-configuration in *Zanthoxylum* alkylamides swaps the tingling with a numbing sensation and diminishes salivation. *J Agric Food Chem.* 2014 Mar 26;62(12):2479-88.

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

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