



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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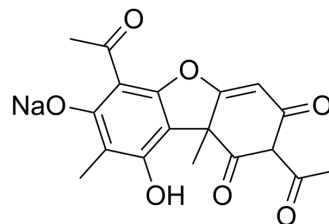
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## Usnic acid sodium

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-N2528  |
| CAS No.:           | 34769-44-3  |
| Molecular Formula: | C <sub>18</sub> H <sub>15</sub> NaO <sub>7</sub>  |
| Molecular Weight:  | 366.3   |
| Target:            | Bacterial   |
| Pathway:           | Anti-infection  |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

#### Description

Usnic acid sodium, a lichen-derived secondary metabolite, has a unique dibenzofuran skeleton. Usnic acid sodium has excellent anticancer and antimicrobial properties. Usnic acid sodium significantly inhibits RANKL-mediated osteoclast formation and function by reducing the transcriptional and translational expression of NFATc1<sup>[1]</sup>.

### CUSTOMER VALIDATION

- Preprints. 2024 Jan 4.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

[1]. Kim KJ, et al. Effect of Usnic Acid on Osteoclastogenic Activity. J Clin Med. 2018 Oct 12;7(10). pii: E345.

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

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