



# 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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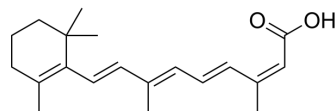
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## Isotretinoin (Standard)

Cat. No.:	HY-15127R
CAS No.:	4759-48-2
Molecular Formula:	C <sub>20</sub> H <sub>28</sub> O <sub>2</sub>
Molecular Weight:	300.44
Target:	Endogenous Metabolite; Autophagy; RAR/RXR
Pathway:	Metabolic Enzyme/Protease; Autophagy; Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Isotretinoin (Standard) is the analytical standard of Isotretinoin. This product is intended for research and analytical applications. Isotretinoin (13-cis-Retinoic acid) is an orally active vitamin A derivative and is often used for the research of severe acne. Isotretinoin also shows anticancer activity<sup>[1][2]</sup>.

### REFERENCES

- [1]. Layton A. The use of isotretinoin in acne. *Dermatoendocrinol.* 2009 May;1(3):162-9.
- [2]. Dahl AR, et al. Inhaled isotretinoin (13-cis retinoic acid) is an effective lung cancer chemopreventive agent in A/J mice at low doses: a pilot study. *Clin Cancer Res.* 2000 Aug;6(8):3015-24
- [3]. Bergoli RD, et al. Isotretinoin effect on alveolar repair after exodontia—a study in rats. *Oral Maxillofac Surg.* 2011 Jun;15(2):85-92.
- [4]. Ramírez-Flores PN, et al. Isotretinoin and Thalidomide Down-Regulate c-MYC Gene Expression and Modify Proteins Associated with Cancer in Hepatic Cells. *Molecules.* 2021 Sep 22;26(19):5742.

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

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