



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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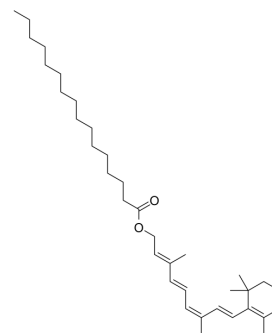
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## 9-cis-Vitamin A palmitate

<b>Cat. No.:</b>	HY-N8356A
<b>CAS No.:</b>	34356-29-1
<b>Molecular Formula:</b>	C <sub>36</sub> H <sub>60</sub> O <sub>2</sub>
<b>Molecular Weight:</b>	524.86
<b>Target:</b>	Endogenous Metabolite
<b>Pathway:</b>	Metabolic Enzyme/Protease
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	9-cis-Vitamin A palmitate (9-cis-Retinyol palmitate) is a 9-cis isomer formed by vitamin A palmitate in corn flakes. 9-cis-Vitamin A palmitate has a biological activity of 26% of all-trans-vitamin A palmitate, the most biologically active form of vitamin A <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	Human Endogenous Metabolite
<b>In Vitro</b>	Of the total vitamin A palmitate content, 5% is the 13-cis and less than 1% is the 9-cis with 94% being all-trans <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. Y.-S. Kim, et al. Degradation of Vitamin A Palmitate in Corn Flakes During Storage. Journal of Food Science. Volume65, Issue7. October 2000.
- [2]. GuangwenTang, et al. Formation of all-trans-retinoic acid and 13-cis-retinoic acid from all-trans-retinyl palmitate in humans. The Journal of Nutritional Biochemistry. Volume 2, Issue 4, April 1991, Pages 210-213.

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

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