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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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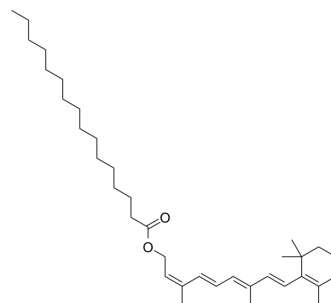
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13-cis-Vitamin A palmitate

Cat. No.:	HY-N8356
CAS No.:	26771-20-0
Molecular Formula:	C ₃₆ H ₆₀ O ₂
Molecular Weight:	524.86
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	13-cis-Vitamin A palmitate (13-cis-Retinyol palmitate) is a 13-cis isomer formed by vitamin A palmitate in corn flakes. 13-cis-Vitamin A palmitate has a biological activity of 75% of all-trans-vitamin A palmitate, the most biologically active form of vitamin A ^[1] .
IC ₅₀ & Target	Human Endogenous Metabolite
In Vitro	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 ^[1] . 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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