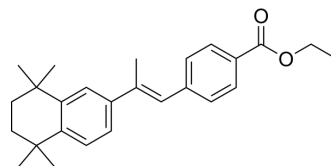


Arotinoid

Cat. No.:	HY-106735
CAS No.:	71441-09-3
Molecular Formula:	C ₂₆ H ₃₂ O ₂
Molecular Weight:	376.53
Target:	RAR/RXR
Pathway:	Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Arotinoid (RO 13-6298) is a retinoid, and acts as an orally active and highly potent agonist of retinoic acid receptors (RARs) with antipsoriatic effects. Arotinoid has antipapilloma activity with an ED₅₀ of 0.05 mg/kg. Arotinoid can be used for the research of skin carcinomas^{[1][2]}.

REFERENCES

- [1]. Tsambaos D, Orfanos CE. Antipsoriatic activity of a new synthetic retinoid. The arotinoid RO 13-6298. Arch Dermatol. 1983 Sep;119(9):746-51.
- [2]. Bollag W. Arotinoids. A new class of retinoids with activities in oncology and dermatology. Cancer Chemother Pharmacol. 1981;7(1):27-9.

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

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