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

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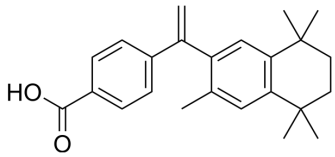
Bexarotene (Standard)

Cat. No.:	HY-14171R
CAS No.:	153559-49-0
Molecular Formula:	$C_{24}H_{28}O_2$
Molecular Weight:	348.48
Target:	Autophagy; RAR/RXR
Pathway:	Autophagy; 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

Bexarotene (Standard) is the analytical standard of Bexarotene. This product is intended for research and analytical applications. Bexarotene (LGD1069) is a high-affinity and selective retinoid X receptors (RXR) agonist with EC_{50}s of 33, 24, 25 nM for RXRα, RXRβ, and RXRγ, respectively. Bexarotene shows limited affinity for RAR receptors (EC_{50} >10000 nM)[1][2][3]. Bexarotene can be used for the research of cutaneous T-cell lymphoma.

REFERENCES

[1]. Nathalia Rodrigues de Almeida, et al. A review of the molecular design and biological activities of RXR agonists. Med Res Rev. 2019 Jul;39(4):1372-1397.

[2]. Danyang Shen, et al. Synergistic effect of a retinoid X receptor-selective ligand bexarotene and docetaxel in prostate cancer. Onco Targets Ther. 2019 Sep 24;12:7877-7886.

[3]. Y Wang, et al. Prevention of lung cancer progression by bexarotene in mouse models. Oncogene. 2006 Mar 2;25(9):1320-9.

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

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