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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

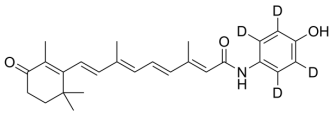
mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic

4-Oxofenretinide-d_4

Cat. No.:	HY-109583S
CAS No.:	2991099-34-2
Molecular Formula:	$C_{26}H_{27}D_4NO_3$
Molecular Weight:	409.55
Target:	Isotope-Labeled Compounds; Reactive Oxygen Species; Drug Metabolite; Apoptosis
Pathway:	Others; Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

4-Oxofenretinide-d_4 (4-Oxo-4-HPR-d_4) is deuterium labeled 4-Oxofenretinide. 4-Oxofenretinide (4-Oxo-4-HPR) is a metabolite of Fenretinide (HY-15373). 4-Oxofenretinide induces cell growth inhibition in ovarian, breast, and neuroblastoma tumor cell lines. 4-Oxofenretinide causes a marked accumulation of cells in G2-M. 4-Oxofenretinide induces cancer cell apoptosis through caspase-9[1][2].

REFERENCES

[1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.

[2]. Villani MG, et al. 4-oxo-fenretinide, a recently identified fenretinide metabolite, induces marked G2-M cell cycle arrest and apoptosis in fenretinide-sensitive and fenretinide-resistant cell lines. Cancer Res. 2006 Mar 15;66(6):3238-47.

[3]. VillaniMG, et al. 4-oxo-fenretinide, a recently identified fenretinide metabolite,induces marked G2-M cell cycle arrest and apoptosis in fenretinide-sensitiveand fenretinide-resistant cell lines. Cancer Res. 2006 Mar 15;66(6):3238-47.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA