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

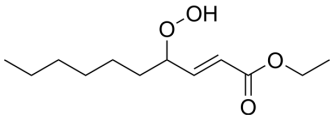
mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic

HPO-DAEE

Cat. No.:	HY-158205
CAS No.:	1895934-61-8
Molecular Formula:	$C_{12}H_{22}O_4$
Molecular Weight:	230.3
Target:	Reactive Oxygen Species; HDAC; SOD
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB; Cell Cycle/DNA Damage; Epigenetics



Storage:

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	2 years
	-20°C	1 year

BIOLOGICAL ACTIVITY

Description

HPO-DAEE (4-Hydroperoxy-2-decenoic acid ethyl ester) elicits nuclear accumulation of Nrf2 and activated antioxidant response element (ARE). HPO-DAEE induces antioxidant genes upregulation (eg: HO-1) through Nrf2-ARE signaling. HPO-DAEE induces reactive oxygen species generation. HPO-DAEE also inhibits histone deacetylase and upregulate expression of extracellular superoxide dismutase via histone acetylation. HPO-DAEE protects against 6-hydroxydopamine-induced cell death via activation of Nrf2-ARE and eIF2α-ATF4 pathways[1].

REFERENCES

[1]. Inoue Y, et al. 4-Hydroperoxy-2-decenoic acid ethyl ester protects against 6-hydroxydopamine-induced cell death via activation of Nrf2-ARE and eIF2α-ATF4 pathways. Neurochem Int. 2018 Jan;112:288-296.

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