



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 Handels GmbH

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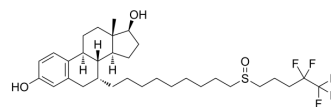
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Fulvestrant (Standard)

Cat. No.:	HY-13636R
CAS No.:	129453-61-8
Molecular Formula:	C ₃₂ H ₄₇ F ₅ O ₃ S
Molecular Weight:	606.77
Target:	Estrogen Receptor/ERR; Autophagy; Apoptosis
Pathway:	Vitamin D Related/Nuclear Receptor; Autophagy; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (412.02 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.6481 mL	8.2404 mL	16.4807 mL
	5 mM		0.3296 mL	1.6481 mL	3.2961 mL
	10 mM		0.1648 mL	0.8240 mL	1.6481 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Fulvestrant (Standard) is the analytical standard of Fulvestrant. This product is intended for research and analytical applications. Fulvestrant (ICI 182780) is a pure antiestrogen and a potent estrogen receptor (ER) antagonist with an IC₅₀ of 9.4 nM. Fulvestrant is also a GPR30 agonist. Fulvestrant effectively inhibits the growth of ER-positive MCF-7 cells with an IC₅₀ of 0.29 nM. Fulvestrant also induces autophagy and has antitumor efficacy^[1].

CUSTOMER VALIDATION

- Cancer Cell. 2020 Mar 16;37(3):387-402.e7.
- Adv Sci (Weinh). 2023 Mar 11;e2300311.
- Nucleic Acids Res. 2020 Nov 4;48(19):10768-10784.
- Acta Pharm Sin B. 2021 Feb;11(2):442-455.
- J Med Virol. 2021 Jun;93(6):3769-3778.

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

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