



# 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

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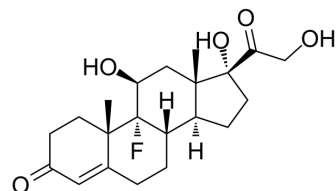
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## Fludrocortisone

<b>Cat. No.:</b>	HY-B1203		
<b>CAS No.:</b>	127-31-1		
<b>Molecular Formula:</b>	C <sub>21</sub> H <sub>29</sub> FO <sub>5</sub>		
<b>Molecular Weight:</b>	380.45		
<b>Target:</b>	Mineralocorticoid Receptor		
<b>Pathway:</b>	Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (262.85 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.6285 mL	13.1423 mL	26.2847 mL
	5 mM	0.5257 mL	2.6285 mL	5.2569 mL
	10 mM	0.2628 mL	1.3142 mL	2.6285 mL

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

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.5 mg/mL (6.57 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.5 mg/mL (6.57 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

Fludrocortisone, a synthetic mineralocorticoid with anti-inflammatory activity.

### REFERENCES

- [1]. Jaal J, et al. Small Cell Lung Cancer Patient with Profound Hyponatremia and Acute Neurological Symptoms: An Effective Treatment with Fludrocortisone. Case Rep Oncol Med. 2015;2015:286029.
- [2]. Mori T, et al. Improved efficiency of hypervolemic therapy with inhibition of natriuresis by fludrocortisone in patients with aneurysmal subarachnoid hemorrhage.

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

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