



SZABO SCANDIC

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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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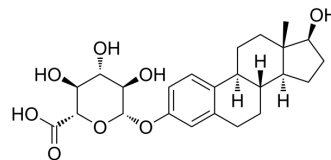
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Estradiol 3-glucuronide

Cat. No.:	HY-W585842		
CAS No.:	15270-30-1		
Molecular Formula:	C ₂₄ H ₃₂ O ₈		
Molecular Weight:	448.51		
Target:	ATP-binding Cassette (ABC) transporter; Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

H₂O : 1 mg/mL (2.23 mM; Need ultrasonic and warming)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.2296 mL	11.1480 mL	22.2960 mL
5 mM	---	---	---
10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

Estradiol 3-glucuronide is an immunogen with antigenic properties. Estradiol 3-glucuronide induced antiserum in the rabbit possesses high affinity and specificity to Estradiol 3-glucuronide. Estradiol 3-glucuronide is promising for research of radioimmunoassay^{[1][2]}.

REFERENCES

[1]. Nambara T, et al. A direct radioimmunoassay of estradiol 3-glucuronide using specific antiserum. Chem Pharm Bull (Tokyo). 1983 Oct;31(10):3583-8.

[2]. Gerk PM, et al. Estradiol 3-glucuronide is transported by the multidrug resistance-associated protein 2 but does not activate the allosteric site bound by estradiol 17-glucuronide. Drug Metab Dispos. 2004 Oct;32(10):1139-45.

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

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