



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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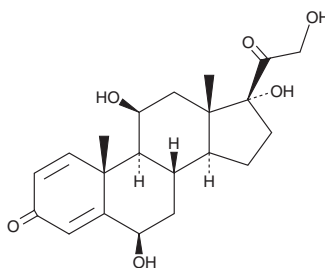
# PRODUCT INFORMATION



## 6 $\beta$ -hydroxy Prednisolone

Item No. 35720

CAS Registry No.: 16355-29-6  
Formal Name: 6 $\beta$ ,11 $\beta$ ,17,21-tetrahydroxy-  
pregna-1,4-diene-3,20-dione  
MF: C<sub>21</sub>H<sub>28</sub>O<sub>6</sub>  
FW: 376.4  
Purity:  $\geq$ 95%  
Supplied as: A solid  
Storage: -20°C  
Stability:  $\geq$ 4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

### Laboratory Procedures

6 $\beta$ -hydroxy Prednisolone is supplied as a solid. A stock solution may be made by dissolving the 6 $\beta$ -hydroxy prednisolone in the solvent of choice, which should be purged with an inert gas. 6 $\beta$ -hydroxy Prednisolone is soluble in methanol and DMSO.

### Description

6 $\beta$ -hydroxy Prednisolone is a metabolite of prednisolone (Item No. 20866), the active metabolite of prednisone (Item No. 20677).<sup>1</sup> It is formed from prednisolone primarily by the cytochrome P450 (CYP) isoform CYP3A4 and to a lesser extent by CYP3A5

### Reference

1. Skauby, R.H., Bergan, S., Andersen, A.M., *et al.* In vitro assessments predict that CYP3A4 contributes to a greater extent than CYP3A5 to prednisolone clearance. *Basic Clin. Pharmacol. Toxicol.* **129(6)**, 427-436 (2021).

#### WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

#### SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

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