



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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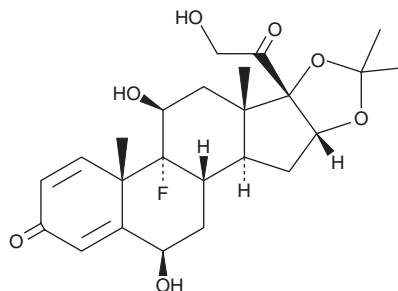
# PRODUCT INFORMATION



## 6β-hydroxy Triamcinolone acetonide

Item No. 40122

**CAS Registry No.:** 3869-32-7  
**Formal Name:** 9-fluoro-6β,11β,21-trihydroxy-16α,17-  
[[1-methylethylidene)bis(oxy)]-pregna-  
1,4-diene-3,20-dione  
**Synonym:** 6β-hydroxy TrA  
**MF:** C<sub>24</sub>H<sub>31</sub>FO<sub>7</sub>  
**FW:** 450.5  
**Purity:** ≥95%  
**Supplied as:** A solid  
**Storage:** -20°C  
**Stability:** ≥4 years



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

### Laboratory Procedures

6β-hydroxy Triamcinolone acetonide is supplied as a solid. A stock solution may be made by dissolving the 6β-hydroxy triamcinolone acetonide in the solvent of choice, which should be purged with an inert gas. 6β-hydroxy Triamcinolone acetonide is slightly soluble in the organic solvent DMSO.

### Description

6β-hydroxy Triamcinolone acetonide is a metabolite of the synthetic corticosteroid triamcinolone acetonide (Item No. 18026).<sup>1</sup> It is formed from triamcinolone acetonide by the cytochrome P450 (CYP) isoforms CYP3A4, CYP3A5, and CYP3A7. 6β-hydroxy Triamcinolone acetonide has been found in wastewater effluent.<sup>2</sup>

### References

1. Moore, C.D., Roberts, J.K., Orton, C.R., *et al.* Metabolic pathways of inhaled glucocorticoids by the CYP3A enzymes. *Drug Metab. Dispos.* **41(2)**, 379-389 (2013).
2. Weizel, A., Schlüsener, M.P., Dierkes, G., *et al.* Occurrence of glucocorticoids, mineralocorticoids, and progestogens in various treated wastewater, rivers, and streams. *Environ. Sci. Technol.* **52(9)**, 5296-5307 (2018).

#### 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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