



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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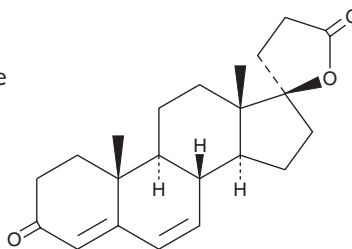
# PRODUCT INFORMATION



## Canrenone

Item No. 21307

**CAS Registry No.:** 976-71-6  
**Formal Name:** 17 $\alpha$ -hydroxy-3-oxo-pregna-4,6-diene-21-carboxylic acid  $\gamma$ -lactone  
**Synonyms:** Aldadiene, NSC 261713, SC-9376, SC-14266  
**MF:** C<sub>22</sub>H<sub>28</sub>O<sub>3</sub>  
**FW:** 340.5  
**Purity:**  $\geq$ 98%  
**UV/Vis.:**  $\lambda_{\text{max}}$ : 210, 281 nm  
**Supplied as:** A crystalline solid  
**Storage:** -20°C  
**Stability:**  $\geq$ 2 years



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

### Description

Canrenone (Item No. 21307) is an analytical reference standard categorized as a steroid.<sup>1</sup> It is an active metabolite of spironolactone (Item No. 9000324) that acts as a diuretic. Diuretics, including canrenone, have been abused as performance-enhancing drugs and masking agents in sports doping.<sup>2</sup> This product is intended for research and forensic applications.

### References

1. Larik, F.A., Saaed, A., Shahzad, D., *et al.* Synthetic approaches towards the multi target drug spironolactone and its potent analogues/derivatives. *Steroids* **118**, 76-92 (2017).
2. Cadwallader, A.B., de la Torre, X., Tieri, A., *et al.* The abuse of diuretics as performance-enhancing drugs and masking agents in sport doping: Pharmacology, toxicology and analysis. *Br. J. Pharmacol.* **161**(1), 1-16 (2010).

#### 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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