



# 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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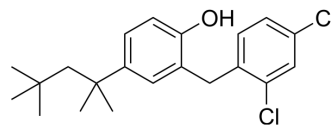
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## Clofoctol (Standard)

Cat. No.:	HY-B1150R
CAS No.:	37693-01-9
Molecular Formula:	C <sub>21</sub> H <sub>26</sub> Cl <sub>2</sub> O
Molecular Weight:	365.34
Target:	Bacterial; SARS-CoV; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Clofoctol (Standard) is the analytical standard of Clofoctol. This product is intended for research and analytical applications. Clofoctol is a bacteriostatic antibiotic. Clofoctol is used in the treatment of respiratory tract and ear, nose and throat infections caused by Gram-positive bacteria. Clofoctol is only functional against Gram-positive bacteria and can penetrate into human lung tissue. Clofoctol is also an inhibitor of prostate cancer. Clofoctol has antiviral potency<sup>[1][2][3]</sup>.

### REFERENCES

- [1]. Ghilardi PL, et al. Treatment of ear, nose and throat infections with clofoctol. *Drugs Exp Clin Res.* 1985;11(11):815-8.
- [2]. Wang M, et al. Identification of an old antibiotic clofoctol as a novel activator of unfolded protein response pathways and an inhibitor of prostate cancer. *Br J Pharmacol.* 2014 Oct;171(19):4478-89.
- [3]. Belouzard S, et al. Clofoctol inhibits SARS-CoV-2 replication and reduces lung pathology in mice. *PLoS Pathog.* 2022 May 19;18(5):e1010498.

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

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