



# 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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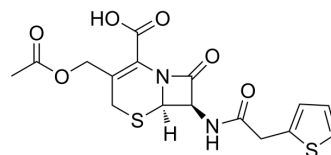
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## Cephalothin (Standard)

Cat. No.:	HY-B1275AR
CAS No.:	153-61-7
Molecular Formula:	C <sub>16</sub> H <sub>16</sub> N <sub>2</sub> O <sub>6</sub> S <sub>2</sub>
Molecular Weight:	396.44
Target:	Bacterial; Beta-lactamase; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Cephalothin (Standard) is the analytical standard of Cephalothin. This product is intended for research and analytical applications. Cephalotin (Cephalotin) is a beta-lactam antibiotic, inhibits class C $\beta$ -lactamase AmpC, with an $K_i$ of 0.32 $\mu$ M <sup>[1]</sup> .
IC <sub>50</sub> & Target	Ki: 0.32 $\mu$ M ( $\beta$ -lactamase AmpC) <sup>[1]</sup>

### REFERENCES

[1]. Morandi S, et al. Structure-based optimization of cephalothin-analogue boronic acids as beta-lactamase inhibitors. *Bioorg Med Chem*. 2008 Feb 1;16(3):1195-205. Epub 2007 Nov 7.

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

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