



# 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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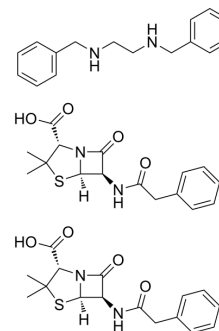
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## Penicillin G benzathine (Standard)

Cat. No.:	HY-N7139AR
CAS No.:	1538-09-6
Molecular Formula:	C <sub>48</sub> H <sub>56</sub> N <sub>6</sub> O <sub>8</sub> S <sub>2</sub>
Molecular Weight:	909.12
Target:	Bacterial; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Penicillin G benzathine (Standard) is the analytical standard of Penicillin G benzathine. This product is intended for research and analytical applications. Penicillin G benzathine (Benzathine benzylpenicillin) is an antibiotic against many bacterial infections<sup>[1]</sup>.

### REFERENCES

- [1]. Bowen AC, et al. Short-course oral co-trimoxazole versus intramuscular benzathine benzylpenicillin for impetigo in a highly endemic region: an open-label, randomised, controlled, non-inferiority trial. *Lancet*. 2014 Dec 13;384(9960):2132-40.
- [2]. J A Yurchenco, et al. Substituted Penicillin Amides. Duration of Antibacterial Activity (Depot Effect) in Experimental Infections in Mice. *Chemotherapy* . 1972;17(6):405-15.

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

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